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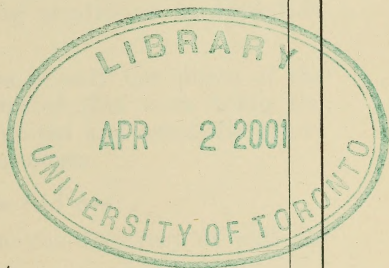
The Story of  
The Mountain San  
for 1925






THE STORY OF  
THE MOUNTAIN SAN  
*for 1925*

As Operated and Supported by  
THE HAMILTON HEALTH  
ASSOCIATION



Twenty-first  
Annual Report  
1925





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# *The* MOUNTAIN SANATORIUM

WHAT IT IS.

WHAT IT IS DOING.

WHAT IT AIMS TO DO.

The Mountain Sanatorium is an institution for the treatment of all forms of Tuberculosis.

It is maintained and operated by the Hamilton Health Association.

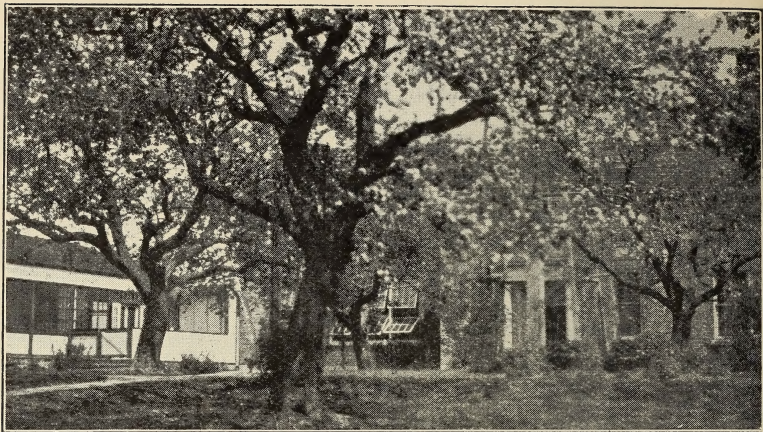
This Association has a voluntary membership of over 800, from which is chosen its officers and a Board of Directors with which is associated a Ladies' Auxiliary Board.

The Hamilton Health Association is non-political, non-sectarian, and is closely associated with all other organizations working for the betterment of living conditions in Hamilton and District.

The operation of the Sanatorium is only one phase of the work of the Association, the real aim of this work being the organization of the community in a united and scientific effort to stamp out the dread disease—tuberculosis.

## Other activities directed to this end are:

1. Conducting clinics to assist in the discovery of patients suffering from tuberculosis.
2. A Social Service Department, in which a visiting nurse follows up suspect cases, and keeps ex-patients under observation to safeguard against the recurrence of active disease.
3. Educational work with the general public to inform them as to the dangers of the disease, and the opportunities for its control and eradication.



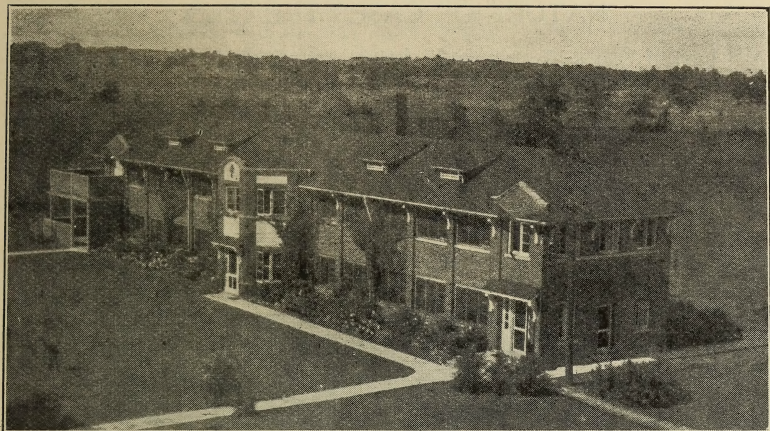
**Preventorium and Bruce Building in the Spring Time**

4. Active co-operation with the Canadian Tuberculosis Association, which is a nation-wide organization, and is purely educational in its activities. The Canadian Red Cross is also associated in this work.
5. Active co-operation with the school medical inspection departments of the City of Hamilton and the County of Wentworth, with the General Hospital and St. Joseph's Hospital, and all other local health organizations.

Some results of the work as shown by comparative figures:

1. In 1906 Hamilton, with a population of 60,000, had 70 deaths from pulmonary tuberculosis.
2. In 1925, with a population of 122,459, the deaths from tuberculosis numbered 45.
3. Based on a unit of 100,000 living people, this rate is 36, which is probably the lowest of any city of 100,000 people or more.





West Pavilion, showing Verandah for Sun Treatment at South end.

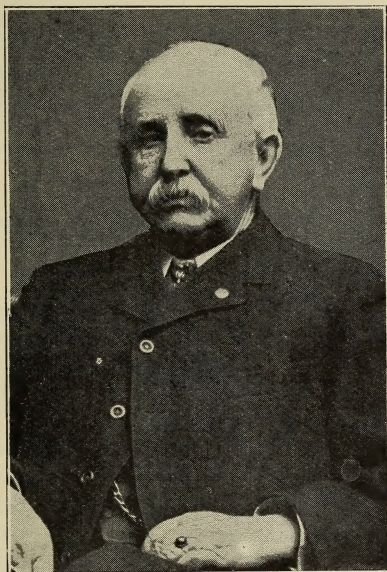
4. In 1924, with only four deaths from surgical tuberculosis, the total number of deaths from all forms of tuberculosis was 53, but this year, with sixteen deaths from surgical tuberculosis, the total from all forms is 61.
5. In 1924 the number of Hamilton patients requiring treatment was 324, while during the last year the number of Hamilton patients treated was 264, a decrease of 60 patients. These figures show the value to the City of an aggressive anti-tuberculosis campaign, there being not only a great decrease in both the average and the total maintenance cost to the City, but more important still, there has been a corresponding decrease in the economic loss from disease and death, which, this last year is proportionately only one-third what it was when the Sanatorium was established in 1906.



## NATURE OF CASES TREATED

1. All types of tuberculosis are accepted for treatment, the only question being whether the patient needs the assistance of the Sanatorium, either in the struggle against disease or in the effort to avoid infecting others.
2. Children are cared for in the preventorium, and only children in the early non-infectious stage, before positive sputum has appeared, are placed in this building. Children are kept apart from adult cases and no parent need have any fear that their children will be exposed to fresh infection while under treatment.
3. The most suitable cases of adults for successful treatment are cases of early or incipient or minimal tuberculosis. Our Annual Reports year after year show that most early cases make a complete recovery, but that very few advanced cases can recover completely, and nearly all the deaths that come from the cases are far advanced before they start sanatorium treatment.
4. While no sanatorium can cure incurable cases, yet even here the sanatorium can be of assistance in lessening the spread of tuberculosis, especially when children are in the home with the advanced case, and we believe that usually the sanatorium can help the hopeless cases to pass their last days more comfortably.
5. There is only one type of case that we do not appreciate having to admit, this being the case that is rushed to the Sanatorium just before death. Any case of tuberculosis that has been failing for two or three years is probably in a critical condition when with advanced disease the symptoms become seriously aggravated and accompanied by extreme exhaustion, and it is foolish to appeal to the Sanatorium at this stage when assistance, while the disease was in a favorable stage, was persistently refused. Such a patient should be supplied with a special nurse for the last few days.

6. However, even these advanced cases are never refused admission, but all our agencies in sanatorium and clinic are continuously working to discover the patient with early disease when it is still possible both to cure the patient and to prevent infection of other members of the family or home. This is the policy that has led to the very satisfactory result that now exists in Hamilton. Our experience tells us that this is the only proper course for all municipalities to follow.



**The Late Richard Butler,**  
**For many years a member of the Board of Directors**  
**of the Hamilton Health Association.**



13th Batallion Band playing in front of Bruce Building for Children on San Birthday, 1925.

## How Patients are Maintained at the Sanatorium

The Hamilton Health Association is responsible for the financing of the capital account of the Mountain Sanatorium, and it is through donations to this fund that the present institution has been erected and equipped, and is now available for patients who require treatment for tuberculosis.

Donations, unless so indicated, do not go towards the maintenance of patients, there being other provision for maintenance, once the Sanatorium is established, as provided by provincial legislation.

Maintenance, for those not able to pay the full cost of private patients, is provided for according to provincial statutes by:

1. A provincial grant now fixed at 75 cents per day.
2. A municipal grant not to exceed \$1.50 per day.





**Visitors to San on Annual Birthday, 1925.**

The former grant is always paid by the provincial government, but the latter is only paid by the municipality after the proper official has investigated the case, and decided the amount the patient can pay, the municipality becoming responsible for the balance of the rate of \$1.50 per day.

As many patients under-estimate the length of time that will be required for their treatment they are usually willing, when applying to the Sanatorium for treatment, to accept full responsibility for the total rate of maintenance (\$1.50 per day).

On the other hand, Sanatorium authorities find that the municipal authorities expect to be consulted before they are saddled with any part of the cost of maintenance. When we say "municipalities" we have in mind, villages and townships as well as the cities of the province, for the same rules apply to all.

Accordingly it is of great advantage to all concerned (patient, municipality and Sanatorium), to refer every applicant through his or her relatives, to the reeve or municipal clerk, and

whatever the financial standing of the patient's family, they are not admitted until a form is received from the proper official guaranteeing the rate of \$1.50 per day, and informing us what proportion of this rate will be paid at the outset by each of the two parties, namely, patient and municipality.

Instead of this plan working to the disadvantage of the patient, we have found that it has been a great advantage to bring to the attention of the municipality the fact that the responsibility for the tuberculosis problem in their own district is placed by statute upon their own shoulders.

We believe that as soon as this fact is generally realized and this responsibility is generally accepted, tuberculosis in rural districts can very soon be reduced to almost a negligible factor.

## Population and Mortality from Tuberculosis in the City of Hamilton

Year	Population	Mortality Pulmonary Consumption	Mortality Surgical Tuberculosis	Total	Rate per 100,000 Population
1905-6	59,543	70	5	75	125.9
1909	66,967	91	14	105	175.
1910	70,221	71	10	81	115.5
1911	73,542	52	15	67	97.1
1912	82,095	69	12	81	101.2
1913	88,918	79	18	97	121.2
1914	100,808	100	6	106	106.
1915	101,314	70	10	80	80.
1916	100,461	83	14	97	97.
1917	104,491	74	11	85	85.
1918	107,832	67	18	85	85.
1919	110,137	60	14	74	67.2
1920	108,143	60	12	72	72.
1921	114,766	70	22	92	83.7
1922	118,243	71	11	82	74.6
1923	120,234	67	13	80	66.8
1924	120,945	49	4	53	44.2
1925	122,459	45	16	61	49.8

# President's Annual Report

*January 19th, 1926*

Ladies and Gentlemen :

At this, the 20th annual meeting of the Hamilton Health Association, we sum up the activities of the year and submit the actual and expected results of what has been accomplished during 1925. We hope and believe that, after careful examination of the published reports, you will have reason to appreciate the efforts of your Directors in the past year. The Institution has grown to large dimensions and calls for constant care and attention on the part of the Board, members of which have been called upon to attend about seventy meetings during the year.

We mention first, the additions and improvements to buildings and plant. That of first importance is the construction of a new building for laundry and other purposes at a cost of \$98,000.00. Of this amount, \$50,000.00 was granted us by Premier Ferguson and the Ontario Government, the balance being supplied by the contributions of our citizens. The entire sum has been spent in Hamilton and Toronto and has given us a building of fire-proof construction, equipped with the best and most modern laundry machinery.

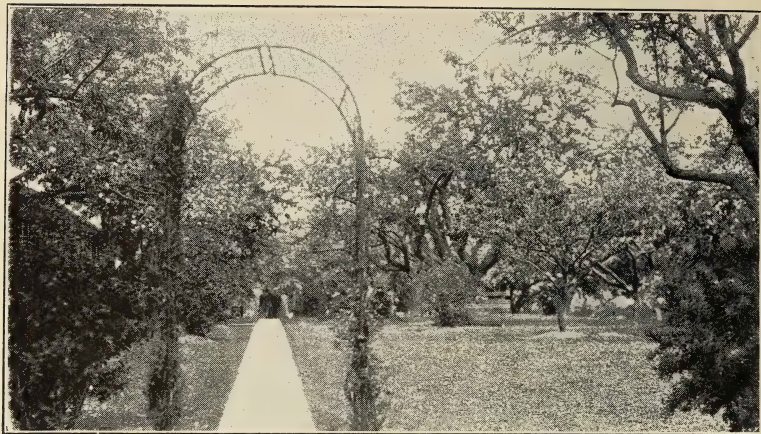
The result of this expenditure is that, for the first time, all the institution's laundry work is done at the Sanatorium, thus doing away with much inconvenience, loss of time and delay, and at the same time, effecting a reduction in cost.

We mention here the installation of new grates for our boilers and furnaces, which has resulted in increased efficiency and a reduction in our coal bill of \$6,500.00.

Extensive improvements have been made in the Women's and Men's Pavilions; only a visit to them can give an adequate idea of what these improvements mean to those domiciled there.

The new electric light and power line from the brow to the Orchard San and a new road leading from the Mohawk Road to



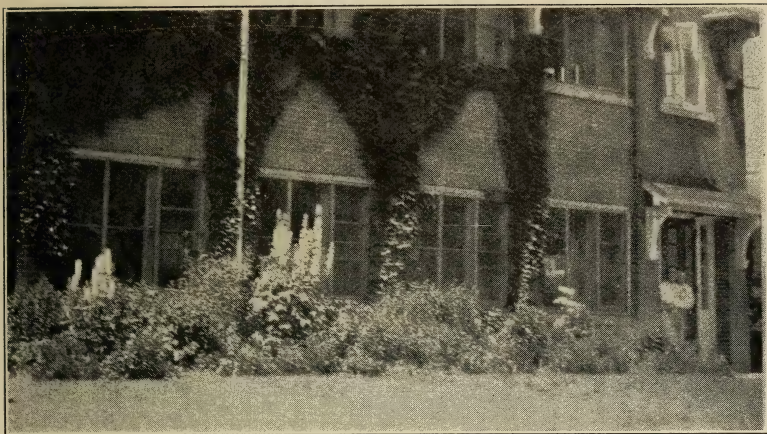


A pleasing view in the Orchard.

the Sanatorium grounds, are improvements that we have long felt the need of.

On August 25th, the old Staff house, the original building of the Sanatorium, was partially destroyed by fire. Fortunately, the building and contents were well protected by insurance, but the fire necessitated the building of a new kitchen, which is of fire-proof construction and will be provided with necessary modern arrangements. However, as this new building is more centrally situated and more convenient to the several buildings which have to be served, the fire was not an unmitigated evil. The old building has been remodelled and made more useful, with a dining room for nurses, a reception room and other living rooms.

The fire forcibly demonstrated the need of more adequate fire protection, and this subject has had the very earnest attention of your Board. We have been fortunate in receiving the whole-hearted co-operation of Fire Chief James, Dr. English and City Engineer McFaul, whom we thank for their interest



**Part of the East Pavilion, showing profusion of Flowers.**

in the matter, for their inspections and recommendations; and of Mayors Jutten and Treleaven and the Board of Control, who have agreed to present and instal five additional hydrants at once. This equipment, together with the fire pump at the Ontario Hospital and a proposed reservoir to be reserved for the use of the Fire Department pumping engine, should give us much needed and vastly improved protection.

The old laundry building is being remodelled at a cost of \$5,000.00, and will in future be the administration office and store house for supplies. Those who know anything of the present office will appreciate this change.

During the year we have been favoured with visits from Lord Byng and the Right Honourable Arthur Meighen, both of whom, on this and former visits, have shown a sincere interest in the soldiers and in the general activities of the Sanatorium.

One of the depressing features of our work is the number of splendid young women who come to us from outside places,

whose trouble has been too long neglected, thus necessitating many months of care and treatment, and at times to little effect. In an effort to try to overcome this condition of affairs, your Board has adopted a missionary spirit and has established clinics in several centres, where early cases may be diagnosed and means adopted to avoid the present day carelessness or indifference. It is our desire to teach people to help themselves, to check the disease before it goes too far, to cure it and to prove that, by proper care and medical attention, they may be sure of results as obtained in Hamilton, where we have a continually decreasing death rate from this disease. At present, we have at the Health Centre in the city, four clinics each week, and you will gather some idea of the necessity of such work when we say that, so many are there seeking examination and advice, that the services of two members of the staff are required each day. The East End Y. W. C. A. in this city, St. Catharines and Brantford clinics, are held twice a month; while Milton, Georgetown and Simcoe clinics are held once a month. In the cases of Brantford and St. Catharines, these cities contribute to the expense of the clinics.

This is an expenditure for which we draw no government nor municipal aid, and you will naturally draw the conclusion that these extensive additions to our work require additional funds, but your Board has faith in your endorsement of this effort, and that means will be forthcoming to carry on the work.

We tender our thanks to Inspectors James Gill and Frank E. Perney and the Board of Education for the promise of additional secondary teachers at the Sanatorium, for patients other than children. This is a step in the right direction, for while there may be diversity of opinion as to the wisdom of vocational instruction, there can be but one opinion as to the need of these educational advantages.

There are at present 325 patients in residence at the Sanatorium as against 313 this time last year, with a constant request for the admittance of others from the surrounding districts. We have agreed with the Provincial Department of Health to



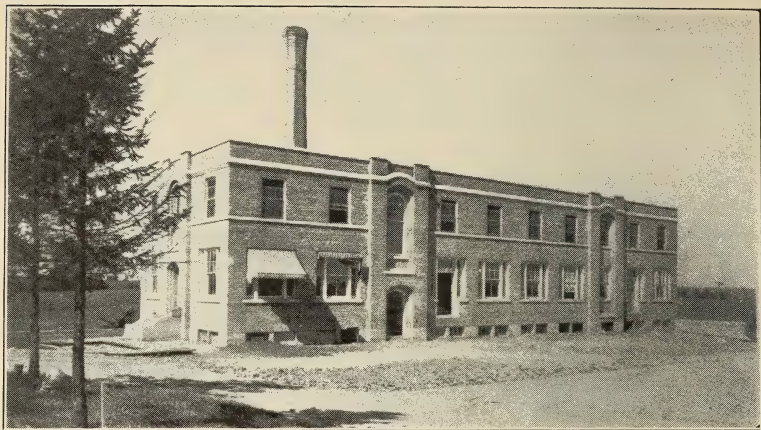
admit these poor people at the same rate as Hamilton citizens, up to the limit of our present accommodation. If we are to admit many more, extra accommodation must be provided, but how far we are justified in proceeding along these lines depends entirely upon the support we receive. It is our earnest desire that no poor consumptive seeking Sanatorium care shall be denied admittance, but we are limited by the funds at our disposal. One wishes, in this connection, that health centres were considered of as much importance to our country's welfare as education, parks and sports, for our work is large and of increasing dimensions.

The Institution has been managed without any deficits or mortgages. We have no endowments to speak of, but, what is better than even these, we have a Board of Directors composed of business men who are constantly giving their best thought and effort to the Institution. I bespeak for them your continued confidence and support.

As to the medical and secretarial staffs, no word of mine is necessary. The matron and the nurses in charge are faithful and constant in their attendance on the patients, for which the thanks of the Board are tendered.

We are making no special mention of any of our contributors. Appended is a list of the principal bequests and contributions for the year 1925. To everyone connected with them, as well as to those individuals and organizations that have helped us in any way, we extend our sincere thanks and the hope that our administration of the affairs of the Institution may merit a continuance of their support and interest.

I feel that this report is sufficiently complete and explanatory. It is a bald narration of altruistic achievement which does not need embellishment in the way of sentimental rhetoric. But, after all, if the spirit of altruistic sentiment were not a vital part of our work, we should have no such report to offer you. It is the spirit of altruism that vitalizes and energizes all such work as we are now considering, and with the wonderful



**New Building erected in 1925, containing Recreation Hall for Patients, Vocational Workshop, Helps' Quarters, Workshops and Laundry**

evidences of that principle, as exemplified in the hearts of our supporters, we can look to the future with every confidence.

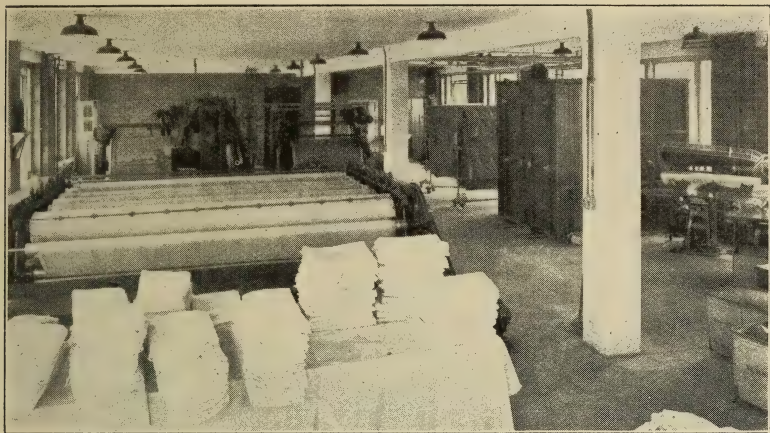
**Principal cash donations and bequests for 1925:**

Provincial Government Special Grant .....	\$ 50,000 00
St. Elizabeth Chapter, I. O. D. E., 3,080 pieces of linen, costing .....	3,515 30
Kiwanis Club .....	500 00
Iris Chapter, Order of the Eastern Star .....	150 00
Mizpah Chapter, Order of the Eastern Star .....	150 00
Hindoo Koosh Grotto .....	75 00
St. Cecilia Chapter, I. O. D. E. ....	50 00
First Unitarian Church .....	50 00
John A. Bruce Estate .....	additional 2,000 00
E. C. Wood Estate .....	1,200 00
Gotlieb Estate .....	478 13
Samuel Epstein Estate .....	33 34
Mrs. Robinson Pirie .....	additional 125 00

Note.—This list covers the calendar year, whereas our financial statements are from October 1st to September 30th, explaining any apparent discrepancy.

On behalf of the Board,

**JAMES J. EVEL, President, H. H. A.**



Interior of Laundry.

## Report of Ladies' Board

*Mrs. H. Burckholder*

Mr. President, Ladies and Gentlemen:

The Ladies' Board of the Hamilton Health Association, in presenting their annual report, do so with feelings of pleasure and gratitude, because of the interest and enthusiasm of the members, and also because of the loyal support and kindly generosity of their many friends and supporters.

Eight meetings have been held during the year.

As a result of the presentation by Dr. R. E. Wodehouse, Secretary of the Canadian Tuberculosis Association, of the great need for early diagnosis of tuberculosis, and also because of the same idea made paramount by Dr. Holbrook, one of our members, Mrs. William Southam, presented to the Ladies' Board the sum of \$2,000.00, to be called a Clinic Fund, and to be used for the establishment of clinics at whatever point these were needed. For

this splendid donation we are deeply grateful. The first clinic was established at Oakville, on June 11th, and the Oakville Chapter, I. O. D. E., is taking up clinic work. A clinic has been established in Milton and Georgetown, and very recently, one was opened in Simcoe.

To Mr. Paul Myler we are very grateful for a donation of a "loud speaker" for the Linen Room at the Infirmary, so that nurses may listen in on lectures given by members of the staff, on tuberculosis subjects.

The Ladies' Board provided a "loud speaker" for the nurses at the Orchard San.

We regret the resignation of Mrs. Snider, as Superintendent of the Brow Infirmary, as her duties were at all times most efficiently performed. We are pleased to say that the work of Miss Fallis, who succeeded her, is equally satisfactory.

On April 17th the Ladies' Board entertained visiting delegates to the 27th District Convention of Rotary, and citizens from neighbouring cities and towns, and from nearby cities of the United States were present, and enjoyed the afternoon, and many of our own citizens that day paid their first visit to our San.

The reports of Miss MacBeth, the nurse of the downtown dispensary, are most comprehensive, and show the various activities of the clinic and the thorough manner in which this department of the work is carried on.

The Ladies' Board appreciate the very excellent work being done by the Junior Health League, and value the close co-operation of the members.

In connection with the Vocational Training Department, carried on at the New Infirmary as a continuation of the activities of the Department of Soldiers' Civil Re-establishment, and extended to the Women at the Orchard San through the kindness of the Business Women's Club, we are pleased to report an increased interest in the various arts and crafts which are being



taught. In addition to the work carried on in previous years, the patients are making beautiful parchment lamp shades, and crystaline lamp shades, and waxed flowers.

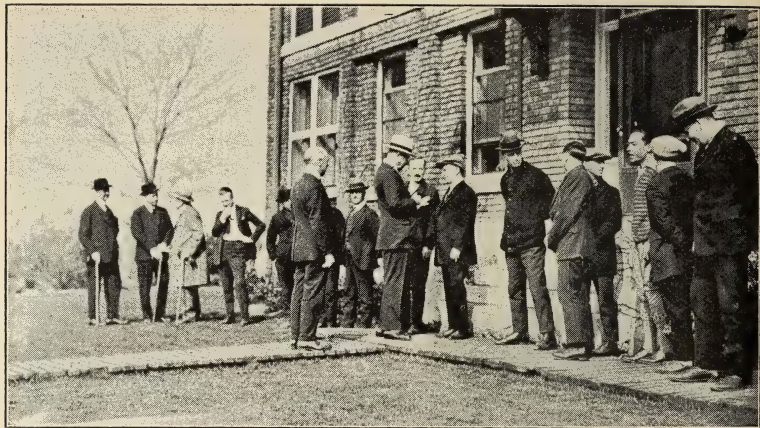
The popularity of, and demand for the leather work has been so great that the teachers have found it difficult to teach other crafts. A new venture is the teaching of the making of bobbin lace, or pillow lace, which is a most fascinating work, and the patient, having once learned the technique of this art, has ample scope for displaying originality in designing patterns, and as this lace sells at a good price, the patients are assured of a permanent means of support. The patients also do chair caning and rush seating, and would be glad of orders for this work.

When the Board of Education appoints the two teachers for advanced pupils, then Miss Land and Miss Robb will have more time to devote to the teaching of bookbinding, the machinery for which was supplied through the generosity and kindness of Mrs. William Southam. This is a branch of work which will prove of intense interest, and much profit to the patients. We feel deeply indebted to Mrs. Southam for this splendid gift.

Our birthday party was held on May 30th, and was, as usual, supported by many friends, who helped to make it the usual success, and we are very grateful to all these friends, and also to Lieut. D. Anderson and his musicians of the 13th Royal Regiment Band, who did so much to make the afternoon enjoyable, both to guests and patients.

This year we again received cheques from the Baseball League, and for these amounts, which totaled \$415.54, we are most thankful. Through these generous gifts, and the gifts of many friends, we are able to provide Christmas Cheer, which, this year, was of a very practical nature, as each patient was provided with needed comforts, such as underwear, sweaters, etc.

We deeply regret the passing of one of our members, Mrs. S. Barker, who was a faithful member of the Board, always responding most willingly and graciously to any call made upon her.



A visit to the returned men by His Excellency, Lord Byng

We also regret the passing of Miss Wilcox, who, when able, attended our meetings, and was always most generous, and took a deep interest in all undertakings at the San.

We regret, too, the loss of Mr. Watson, bacteriologist at the San., who so often, by his help and suggestions, aided the Board in their work.

Another who has passed during the year is Mr. Richard Butler, who for many years was intensely interested in our work. Mr. Butler wrote extensively about the Sanatorium in his Saturday Musings, and his passing is regretted.

We are again indebted to Col. E. R. Bradley, of Lexington, Ky., who, through Mr. W. J. Southam, sent us a cheque for \$300.00, and to him the thanks of the Board have been expressed.

There are many friends who have aided us, during the year, many organizations, and I. O. D. E. Chapters who have helped, and to these we extend most cordial thanks. To The St. Elizabeth Chapter we also extend most sincere and hearty thanks, for their praiseworthy effort in supplying all the linen for the



A visit from His Excellency, Lord Byng, taken at the entrance to Long and Bisby Home.

San. This is indeed a noble work, and is appreciated to the fullest extent.

We appreciate the interest shown by members of the Women's Institute of Wentworth County, who again visited the San., this Fall, bringing with them gifts for the patients, of fruit, jam and dainties. Mr. Perney and Dr. Holbrook addressed the ladies, after which tea was served, and speeches made by some of the Wentworth ladies.

We feel that this report would not be complete without mentioning our appreciation of the courtesy and consideration, at all times shown the Ladies' Board by Miss McLean.

The splendid way in which the efforts of the Board have been received and supplemented by the doctors, nurses, and all members of the staff, is something which we feel has been a source of constant encouragement, and must be mentioned in this report.

Respectfully submitted,  
MARGARET G. BURKHOLDER, President.  
ELIZABETH G. WESTAWAY, Secretary.



# Ladies' Auxiliary Hamilton Health Association

## FINANCIAL REPORT

### RECEIPTS.

1924			
Dec. 31	To Balance .....	\$	1,045 24
1925			
Jan.	Bank Interest .....		23 31
	To Cheque, Miss Leggat .....		10 00
	To Cheque, Mrs. Doolittle .....		25 00
Feb.	To Baseball League .....		533 33
	To Cheque, Mrs. Southam .....		65 00
June	Sanatorium Birthday .....		271 50
	Sanatorium Birthday .....		6 00
	Sanatorium Birthday .....		2 00
	Bank Interest .....		26 47
Oct.	To Cheque, Baseball League .....		415 54
Dec.	To Cheque, Mrs. Southam .....		50 00
	To Cheque, Mrs. Lucas .....		5 00
	To Cheque, Mrs. Doolittle .....		25 00
	Account H 435 closed and balance transferred....		3 40
	Bank Interest .....		30 45
	Miss Leggat .....		10 00
			\$ 2,547 24

Hamilton, Ontario, January 4th, 1926.

### DISBURSEMENTS.

Jan.	By Cheque, G. W. Robinson Co.....	\$	6 00
	Affil. Fee, Local Council of Women.....		2 00
Mar.	H. J. Logan Co. ....		64 75
Apr.	Robert Duncan & Co. ....		11 00
	Pure Milk Co. ....		1 10
May	J. H. Aussem .....		6 80
	G. W. Robinson Co. ....		22 25
	Woman's Exchange .....		1 00
June	Highway Busses .....		12 00
	Junior Health League .....		25 00
	J. H. Aussem .....		7 20
	Mitchell & Applegate .....		4 00
	Grafton & Co. ....		35 90
	H. H. Association Birthday Party .....		3 50
July	George Crawford .....		65 00
	Edison Machine .....		90 00

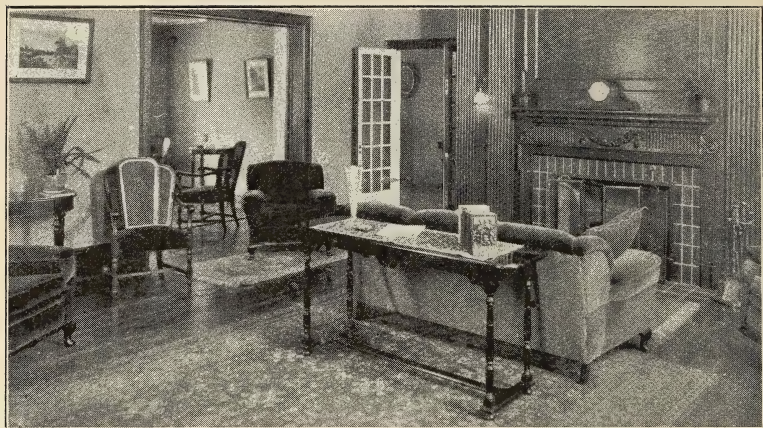
Aug.	G. W. Robinson Co. ....	140 00	
	G. D. Membrey & Son .....	12 15	
Nov. 6	Radio Loud Speaker .....	25 00	
Nov. 13	St. Elizabeth Chapter, I. O. D. E., Collec- tion .....	200 00	
Nov. 14	G. W. Robinson & Co. ....	184 00	
Dec. 5	J. H. Aussem .....	8 00	
Dec. 21	Eaton Knitting Co. ....	48 00	
	Grafton & Co. ....	39 10	
	Miss McLean .....	10 00	
	Miss McLean .....	5 00	
	Hamilton Health Association .....	6 00	
	John McPherson Co. ....	40 98	
	G. W. Robinson Co. ....	46 95	
			\$1,122 68
	OUTSTANDING CHEQUES—		
	Miss McLean .....	\$ 10 00	
	Miss McLean .....	5 00	
	H. H. Association .....	6 00	
	G. W. Robinson Co. ....	46 95	
		\$ 67 95	
	Bank Balance .....	\$1,492 51	
	Less O/S Cheques .....	67 95	
			1,424 56
			\$ 2,547 24

Certified as per attached report,  
**ELDON CLAPHAM,**  
Auditor.

Schedule No. 1.

### TUBERCULOSIS CLINIC FUND

1925.	Donation from Mrs. Southam .....	\$2,000 00	
	Bank Interest .....	65 13	
			\$2,065.13



Living Room in Long and Bisby Home for Nurses.

## Annual Report of Visiting Nurses

Year Ending October 31st, 1925.

New cases examined at the Clinic during year .....	728
Cases examined at the Clinic reporting back after registration either previous to, or during present year....	1,340

Total number of examinations during year ..... 2,068

### *New Cases—*

Cases not definitely diagnosed .....	458
Cases in which no activity was found .....	147

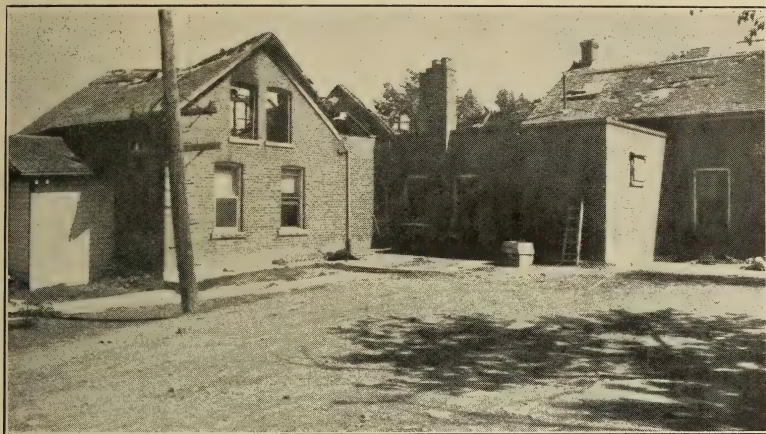
### *Active—*

### *Minimal—*

Male Adults .....	2
Female Adults .....	6
Children .....	17

— 25





Staff House as it appeared after the fire.

*Mod. Advanced—*

Male Adults .....	17	
Female Adults .....	17	
Children .....	2	
	—	36

*Far Advanced—*

Male Adults .....	9	
Female Adults .....	6	
Children .....	1	
	—	16

*Previously Registered—*

Results of further examination of previously registered cases.

Cases not definitely diagnosed .....	511
Cases in which no activity was found .....	400

*Active—*

*Minimal—*

Male Adults .....	20	
Female Adults .....	23	
Children .....	116	
	<hr/>	159

*Mod. Advanced—*

Male Adults .....	22	
Female Adults .....	34	
Children .....	2	
	<hr/>	58

*Far Advanced—*

Male Adults .....	4	
Female Adults .....	3	
Children .....	2	
	<hr/>	9

*Cases formerly Active, now arrested—*

*Minimal*

Male Adults	Female Adults	Children
20	22	110

*Mod. Advanced*

4	2	0	
<hr/>	<hr/>	<hr/>	
24	24	110	158

Cases of Non-T.B. Gland Infection .....	6
Other diseases found, principally bronchial and throat trouble .....	85
	<hr/>

TOTAL EXAMINATIONS ..... 2,068

Number of New Cases recommended for Sanatorium treat-  
ment ..... 64

Number recommended for Sanatorium on subsequent  
examination ..... 103

Total recommendations during year ..... 167

Number of examinations of school and pre-school children:

New Cases ..... 426

Previously Registered Cases ..... 1,013

Total number of examinations (Children).. 1,439

Number of Patients supplied with refills, handkerchiefs  
and medical supplies ..... 176

Number of routine visits made by nurses at homes..... 3,071

Number of miscellaneous calls made by nurses ..... 63

The following are the sources of reference of the 728 New  
cases reporting at the Clinic during the year:

Physicians ..... 231

P. H. Nurses ..... 249

School Nurses ..... 67

Persons voluntarily reporting or recom-  
mended by friends..... 69

Other sources ..... 112

728

Number of Intracutaneous-Tuberculin Tests con-  
ducted during the year ..... 563

Number of Positive reactions on above Tests..... 146

The Hamilton Junior Health League supplied 18,717 quarts  
of milk during the year to the homes of registered cases.

The "Miss J. Doolittle Fund" supplied \$367.44 during the  
year for groceries, fruit, and other necessities for needy families.  
An inestimable amount of good was done by the supplying of  
these provisions to families much of whose trouble is due to  
under-nourishment.

The following is a list of the ages of the New Cases who re-  
ported at the Clinic during the year:

Ages 1 to 5 years ..... 69      Ages 35 to 45 years ..... 51

Ages 5 to 10 years ..... 211      Ages 45 to 55 years ..... 28

Ages 10 to 16 years ..... 146      Ages 55 to 70 years ..... 12

Ages 16 to 25 years ..... 89      Over 70 years of age ..... 3

Ages 25 to 35 years ..... 119

Total, 728



The following is a distribution of the ages of all registrations:

Ages 1 to 5 years . . . . .	183	Ages 35 to 45 years . . . . .	112
Ages 5 to 10 years . . . . .	664	Ages 45 to 55 years . . . . .	53
Ages 10 to 16 years . . . . .	592	Ages 55 to 70 years . . . . .	16
Ages 16 to 25 years . . . . .	212	Over 70 years of age . . . . .	6
Ages 25 to 35 years . . . . .	230		

Total, 2,068.

This table being a list of total registrations, contains the ages of many patients more than once.

The following table shows the nationalities of the New Cases who reported at the Clinic during year:

Canadians . . . . .	533	German . . . . .	1
English and Welsh . . . . .	97	Polish . . . . .	6
Scottish . . . . .	19	Austrian . . . . .	7
Irish . . . . .	10	Roumanian . . . . .	3
U. S. A. . . . .	17	Russian . . . . .	4
Indian (American) . . . . .	5	Bulgarian . . . . .	2
S. American . . . . .	1	Greek . . . . .	2
French . . . . .	2	Italian . . . . .	10
Swedish . . . . .	1	Sicilian . . . . .	1
Danish . . . . .	1	Portugese . . . . .	1
Finlanders . . . . .	2	Chinese . . . . .	2
Dutch . . . . .	1		

Total, 728.

The following table shows the nationalities of the total number of cases examined. As many cases were examined more than once they are included more than once in this table:

Canadians . . . . .	1608	Swedish . . . . .	1
English and Welsh . . . . .	259	Danish . . . . .	2
Scottish . . . . .	34	Finlanders . . . . .	2
Irish . . . . .	17	Dutch . . . . .	3
U. S. A. . . . .	34	German . . . . .	2
Indian (American) . . . . .	10	Polish . . . . .	11
S. American . . . . .	1	Austrian . . . . .	14
French . . . . .	6	Roumanian . . . . .	6

Russian .....	8	Sicilian .....	1
Bulgarian .....	2	Portugese .....	1
Greeks .....	3	Chinese .....	4
Italian .....	38	Jews .....	1
Total, 2,068.			

The following table shows the Occupations of the New Cases who reported at the Clinic during the year:

Children of pre-school age .....	69
School Children and Students .....	367
Housewives and others whose occupation (if any), is in the home .....	128
Artists .....	1
Accountants .....	2
Bookkeepers .....	5
Bakers .....	2
Bankers .....	1
Blacksmiths .....	1
Brassmolders .....	2
Bricklayers .....	1
Butchers .....	1
Cabinetmakers .....	1
Carpenters .....	4
Chauffeurs .....	1
Charwomen .....	1
Chemists .....	1
Clerks .....	8
Collectors .....	1
Conductors .....	3
Dressmakers .....	1
Deaconess .....	1
Diemakers .....	1
Electricians .....	4
Editors .....	1
Factory Workers .....	15
Farmers .....	7
Firemen .....	1
Gardeners .....	2
Janitors .....	2
Laborers .....	21
Lawyers .....	1
Merchants .....	3
Milliners .....	1
Millhands and Wrights ..	3
Mechanics and Machinists ..	13
Merchants .....	3
Orderlies .....	1
Packers .....	1
Painters .....	3
Plumbers .....	1
Police .....	2
Pro. Golfer .....	1
Salesmen and Ladies ....	6
Stenographers .....	3
Servants .....	4
Steelworkers .....	3
Stovemounter .....	1
Seamstress .....	1
Painters .....	2
Shippers .....	2
Shoemakers .....	1
Sales Engineer .....	1

Tailors .....	4	Trustees .....	1
Tanners .....	1	Trainmen .....	1
Teachers .....	4	Tentmakers .....	1
Telegraph Oper. ....	1	Undertakers .....	1
Technicians .....	1		

Total, 728.

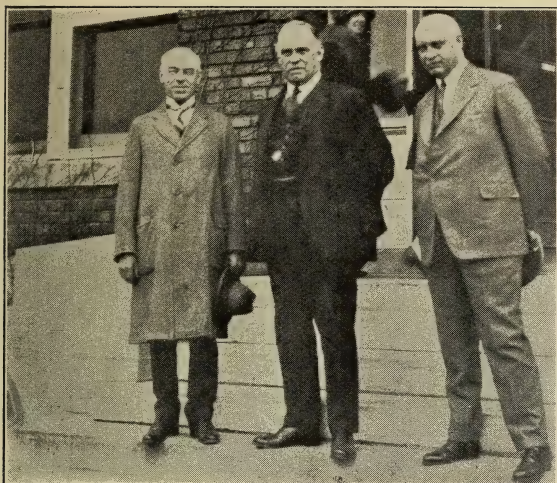
The following is a list of the occupations of all cases registered during the year. As in other tables, many cases appear several times:

Children of pre-school age .....	183
School children and students .....	1276

Housewives and others whose occupations are in homes or who have no employment .....	296
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Artists .....	1	Editors .....	2
Accountants .....	2	Electricians .....	4
Bookkeepers .....	5	Farmers .....	9
Bakers .....	4	Factory Workers .....	25
Bankers .....	1	Firemen .....	1
Blacksmiths .....	4	Telegraph Operators ....	4
Brassmolders .....	2	Tentmakers .....	2
Bricklayers .....	2	Trustee .....	1
Butchers .....	1	Gardeners .....	2
Cabinetmakers .....	1	Janitors .....	4
Carpenters .....	14	Laborers .....	53
Chemists .....	1	Lawyers .....	1
Clerical .....	35	Lithographers .....	1
Charwomen .....	4	Machinists and Mechanics	26
Chauffeurs .....	3	Metalworkers .....	5
Collectors .....	2	Millhands and Wrights...	4
Conductors .....	7	Merchants .....	3
Cooks .....	1	Orderlies .....	1
Deaconess .....	1	Packers and Warehouse-	
Dressmakers .....	1	men .....	5
Diemakers .....	2	Painters .....	6





**Dr. Basil Hall, President of British Medical Association, the  
guest of Dr. L. R. Hess, President of Hamilton  
Medical Society.**

Printers .....	4	Stovemounters .....	1
Plumbers .....	2	Sales Engineers .....	1
Pro. Golfers .....	1	Shoemakers .....	1
Police .....	7	Tanner .....	1
Servants .....	4	Teacher .....	4
Salesmen and Ladies ....	17	Technician .....	1
Seamstresses .....	1	Trainmen .....	3
Stenographers .....	7	Undertaker .....	1
Steelworkers .....	4		

Respectfully submitted,

**SADIE E. MacBETH, R. N.,**  
Visiting Nurse.

# The Down Town Dispensary

HAMILTON HEALTH CENTRE

28 MAIN ST. WEST

## Junior Health League Milk Fund Report

For year ending October 31st, 1925.

Milk tickets were distributed monthly from the Health Centre to between forty and fifty families whose names appear on the monthly milk list. This list is amended from time to time with the approval of the Secretary of the Junior Health League. In each case there is one or more members of the family who have Tuberculosis in some stage, or have been attending the Clinic and are not definitely diagnosed.

The following quantities were supplied throughout the twelve months ending October 31st, 1925:

November, 1924 .....	1,440	quarts
December, 1924 .....	1,550	"
January, 1925 .....	1,519	"
February, 1925 .....	1,456	"
March, 1925 .....	1,705	"
April, 1925 .....	1,500	"
May, 1925 .....	1,550	"
June, 1925 .....	1,590	"
July, 1925 .....	1,643	"
August, 1925 .....	1,643	"
September, 1925 .....	1,630	"
October, 1925 .....	1,491	"

---

Total .....18,717 quarts.

It is impossible to overestimate the value of the assistance which is being given the preventative work of the Clinic by the supplying of this milk to undernourished children. The Department is deeply indebted to the Junior Health League for this valuable aid in fighting Tuberculosis in the City.

While special instances could be given it is difficult to say that any one family has been helped more than another, all of



A visit from Right Honorable Arthur Meighen.

the families on the list have received incalculable benefit and have, on many occasions, expressed their appreciation of what has been done in this direction by the Hamilton Junior Health League.

SADIE E. MacBETH, R. N.,  
Visiting Nurse.

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## Report of Junior Health League

It is most gratifying to report that the year 1925 makes an important period of development in the activities of all branches of the Junior Health League of Hamilton.

It is our dependent Tubercular families of the City directly benefited by the League, the number being now between 40 and 50.

Milk tickets are distributed monthly for us from the Health Centre to those under-nourished T. B. sufferers.



Throughout the past twelve months 18,717 quarts of milk were supplied, which represents \$1,912.50.

These invalids are cared for by a group of interested League workers, who endeavor to make their lives less burdensome.

Early in the year Miss Balfour was obliged to retire from Convenorship of this department, and Miss Meta Bankier was made head of families, in her stead, and she has organized the work with the co-operation of Miss MacBeth to the present thriving state of efficiency.

To Mrs. Marjory Thompson, of the Central Bureau of Social Agencies, we feel a deep sense of gratitude for her helpful coaching in that branch of social welfare that particularly concerns our organization.

One interesting addition to our work was made possible by each member of the League, making herself responsible for a certain sum of money and thereby sending 40 boys from our T. B. families to a Scout Camp at Port Maitland, for two weeks, during the heat of August. The fact that the average gain in weight per boy was 2 lbs. from the time of leaving home until the return of outing, is sufficient proof that the venture is well worth making an annual event, the cost of same being about \$400.00.

The exacting duties of general purchasing of winter clothing, boots and rubbers have been capably attended to by Mrs. Fritz Martin and her committee, the amount expended in this regard being \$924.99.

Our work at the Sanatorium in connection with the Preventorium is supervised by Mrs. Macfarlane, who supplied the children with underwear and material for suits.

Treats of ice cream and candy as well as arranging the Annual Valentine Party and Fete at Eastertide, were joyous occasions, the cost of same amounting to \$203.25.

The libraries at both the Brow and Orchard Infirmarys under the care of the Sunshine Committee were open each Monday during the year. The Total number of books distributed among the patients at the Orchard Branch was 6,450, making



**Roxey and his Gang.**  
**This group of men provided Radio Equipment for all Military Hospitals in the United States.**

an average of 132 books per week, while 7,011 were given out at the Brow, an average of 156 books per week.

Donations of money to the Library Fund amounted to \$178, of which \$75 was spent in purchasing new books requested by the patients. On behalf of Mrs. Francis Malloch, who is Convenor of Libraries, may I make a request that any of you having books to donate, please call Mrs. Malloch at 'Phone Regent 1325, who will gladly make arrangements to receive the same, as the need of new books is urgent.

The League Bazaar, which was held at the residence of Lady Hendrie on 4th November, was in every way a success and netted the tidy sum of \$1,796.55.

The following donations were received during the year:

Colonel Bradley .....	\$500 00
Pupils Strathallan Dramatic Club .....	75 00
Mr. and Mrs. G. W. Robinson .....	50 00
Ladies' Board of Hamilton Health Ass'n.	25 00
Mr. and Mrs. R. L. Smith .....	10 00

To the Ladies' Board of the H. H. A., we wish to express our appreciation of their efforts to further the interest of the League at all times. The advice and helpful assistance given by the Men's Board are also sincerely appreciated.

In conclusion we acknowledge with gratitude the interest of the public in support of the aims and objects of our important work.

FLORENCE M. EASTWOOD,  
President, J. H. L.

January, 1926.

## Financial Report Junior Health League

### RECEIPTS.

Dec. 1st, 1924.	
Balance on hand .....	\$2,763 89
Receipts to Jan. 31, 1925	167 88
	<hr/>
	\$2,931 77

### EXPENDITURES.

Dec. 1st, 1924-Jan. 31st, 1925.	
Expenditures .....	\$ 104 78
Balance on hand .....	2,826 99
	<hr/>
	\$2,931 77

### STATEMENT FOR YEAR

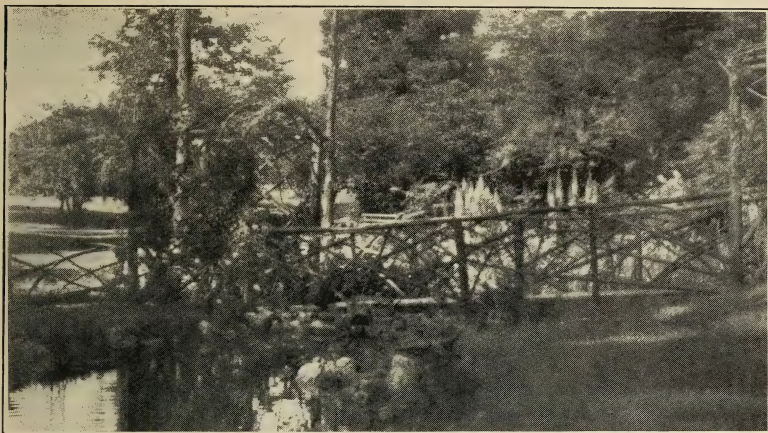
Bank Balance ..	\$2,324 62
Cash on Hand..	2 37
Bond .....	500 00
	<hr/>
	\$2,826 99
Fees .....	116 00
Donations .....	565 00
Camp Fund .....	414 75
Bazaar .....	1,795 05
Interest .....	71 06
Sundries .....	7 80
	<hr/>
	\$5,796 65

### ENDING DEC. 19th, 1925.

Milk .....	\$1,918 50
Clothing .....	806 49
Preventorium .....	205 00
Sanatorium Libraries ....	110 00
Camp expenses for 40 boys	390 15
Bazaar expenses .....	54 17
Food and Rent .....	58 81
Stamps and Printing ....	25 90
Sundries .....	21 00
Cash on Hand..	\$ 8 67
Bank Balance..	1,697 96
Bond .....	500 00
	<hr/>
	2,206 63
	<hr/>
	\$5,796 65

GRETA WHITTON,  
Treasurer.





Part of Sunken Garden at Brow.

## Report of Physician-in-Charge

*J. H. Holbrook*

With the close of another year we have almost completed twenty years of sanatorium work. The year 1906 saw the opening, but each succeeding year has added to its growth, and the year just closed has in this respect been no exception.

During this period our conception of the field for which we are responsible has also grown, for at the outset we felt that we were responsible only for the work in the City of Hamilton and the County of Wentworth, but to-day, through extension clinics, we are rendering assistance in Brantford and St. Catharines, and to the counties on either side of Wentworth.

The program of extension clinics is, however, simply an application of the principle that was long ago accepted in connection with the work in Hamilton, that an anti-tuberculosis association does not fully serve its community unless, along with

the Sanatorium for treatment, there is associated local clinics for finding the cases requiring treatment, while they are still in the early stage of disease when there is a reasonable chance for cure. Indeed, Hamilton's favorable mortality figures are due in very considerable part to the clinics carried on and expanded continuously with the growth of the Sanatorium. Last year the mortality rate was down to 44 per 100,000 of population, and while this year it has gone up to 50, even this rate is lower than that of any of the larger cities on the continent. This is accounted for by an unusually large number of surgical cases of tuberculosis that died during the year, there being sixteen this year as compared with four last year. On the other hand, there are only 45 deaths from pulmonary tuberculosis as compared with 49 last year. The actual number of patients from the City of Hamilton treated this year also shows a slight rise, there being 264 as compared with 257 last year.

One unfortunate feature that has been developing during the last two or three years, and became increasingly apparent last year, is that the average patient, when admitted, has had considerably more advanced disease than has been the case throughout the period when many soldiers were under treatment, with the result that we have at present a much higher proportion of bed patients and a correspondingly lower proportion of curable patients. Another peculiar feature is the fact that a considerably higher proportion of female patients was admitted last year, and it is a regrettable fact that many of these have quite advanced disease. While many factors may be at work to bring about these results, yet they would seem to very definitely indicate that the male portion of the population benefited very much through the work of the Department of Soldiers' Civil Re-establishment, and that now the female portion of the population is showing the effect of the comparative lack of special care through these same years.

In bringing about the more favorable condition for the male population, probably the most valuable feature of the military aid was the routine clinics which all soldiers on pension were

required to attend, thus making it possible to quickly find the cases in which fresh trouble was developing. With this was the very important factor that these cases were sure of receiving treatment promptly without having to suffer any great financial sacrifice, while very frequently with the civilian patient, treatment is put off from month to month and even year to year, because of financial worries. Surely, therefore, if we are to take to heart any of the lessons of the war, we will see the wisdom of extending to our civilian population the advantages of periodic chest examinations, and of a more generous degree of assistance to those requiring treatment. Indeed, if the municipalities could only be persuaded to grant free treatment to every needy resident who becomes a victim of tuberculosis, thus making treatment as much a right of citizenship as it was for the soldier a right gained by military service, the saving in human lives and in loss from sickness, judging from the more favorable condition among our male population to-day, would be so great in a few years that tuberculosis would soon become a minor problem, and we would have saved to our country something better than immigrants from foreign lands, in those of Canada's own flesh and blood who are now needlessly sacrificed.

In fact, our Ontario municipalities are right now receiving a very striking illustration of the value of giving aid before the damage is done, rather than after tuberculosis has run its course, if they will but open their eyes to the facts, for year by year the amount paid towards mothers' allowances by the municipalities is increasing, and no small part of this is due to the ravages of tuberculosis. In last year's report of the Mothers' Allowances Commission the Chairman, Mr. Peter Bryce, makes the following statement: "If the husband is an advanced case of tuberculosis and in a sanatorium, we have recommended an allowance although the physician may not be able to state the case is an incurable one. The necessity for the immediate removal of the tuberculous patient to a sanatorium has been again and again shown in the records presented to us. In one family seven children were infected because the tuberculous father was permitted to remain at home. Statistics relating to the death





Hallowe'en Party at the San. Some of the exercise Patients.

of the father reveal that pneumonia, tuberculosis and influenza are responsible for 45.3 % of all deaths." At the present time in Hamilton 16 % of the beneficiaries are on the list because a parent has died of, or now has tuberculous disease, and the report which has just been completed shows that 681 families, which include 2,030 children, are on the list of the Commission on account of tuberculosis. The amount expended in this group for the year is \$228,482, this being 12.82 % of the total expenditures of the Commission for the year. In many of these cases there has been the added factor, especially in rural Ontario, that the deceased or invalid parent remained in the house during his illness, thus making it very probable that the children now being assisted are themselves tuberculous and that some of them will later come down with tuberculous disease. Surely it would have been much better to have promptly provided treatment for the parent while the disease was in an incipient stage, thus avoiding much exposure of the children, and also ensuring them support through the father being saved to them as a bread winner. What is needed, therefore, in tuberculosis work to-day is espec-





**Workshop for Soldier Patients, showing ment looms.**

ally these two factors so well tried out with the soldiers, of prompt diagnosis, with a more kindly spirit of community co-operation.

Just why the rural municipalities should be so unwilling to help their own people is hard to understand, for this to-day is a fault not of the cities but of the towns and villages and townships. If example is required to prove the value of a more generous spirit we can indeed point to the cities, where through some years of an active policy of co-operation, the death rate is invariably lower than in the rural municipalities. Whatever may be the underlying causes, it is certainly not the duty of the sanatoria to bear the burden of the municipalities. Possibly better regulations could be worked out, but at present the provincial statistics definitely place the responsibility for maintenance up to \$1.50 per day upon the municipality in which the patient claims residence.

That many municipalities will shirk their responsibility whenever possible is well shown by the following case. During

the year we were urged by a doctor of a neighboring town to accept a patient from a county jail, the case being so urgent that an order for treatment from the proper authority could not be secured in time to save another night's confinement in the jail. We agreed to his admission on the assurance by the doctor that the case would be looked after by the municipality, but after his admission responsibility was denied by each of three municipalities of the county, because the patient, a foreigner, had but a short time before, been driven out of the home of a relative and had changed his residence shortly before being quartered in the jail. As a result a small charge for ten days' treatment was refused and we were also compelled to pay the funeral charges in a case where we, through compassion, extended the privileges of our sanatorium to a municipality that never assisted us through the contribution of a single cent to capital account for the establishment of the institution.

Probably the chief fault with our present system of municipal responsibility is that throughout rural Ontario the Village, township or town has too small a population to be able to organize for effective work. In other words, as a result of modern advancement we would seem to have outgrown the provision of the British North America Act, by which the responsibility for health matters is placed with the smallest unit of population, the township, village or town.

In the case above quoted no great expense was involved, but the principle involved is very important. If the unit of area had been the county, there would probably have been no difficulty, but when the township is the unit of area, the victim of tuberculosis by a change of residence may through moving across the road or street, very easily lose one of the most important rights of citizenship, with the result in an extreme case such as this that his only home is the county jail.

As a matter of fact, the automobile has had much to do with the extension of our boundaries of activity, and with making it possible for us to organize all health work on a broader basis

and it would seem that the time has come when the unit for all health work should be at least the county, though a unit of at least 50,000 people would probably give still more satisfactory results. If with this, the municipalities could realize that the work of stamping out tuberculosis and of rendering aid to the victims of the disease is theirs, and that the sanatoria have been developed to assist them, but not to relieve them of their share of the work, most of the difficulties of this problem would very soon be eliminated.

It is well known that no sanatorium on the present basis of rates can very long escape financial difficulties unless every possible source of maintenance is secured, for with modern specialization in treatment the overhead cost is so great that it can only be borne by the practise of every possible economy. In fact, one solution would seem to be fewer and larger institutions so that the overhead could be divided over as great a number of patients as possible, for financing is easier with more than 300 patients than when the total is less than that number. Such a plan too would eventually make it possible for a sanatorium out of its own funds to carry on a considerable amount of extension clinic work in aid of early diagnosis throughout the neighboring district, but at the present time there is no more urgent need from an economic standpoint, than for the province to give financial assistance for the establishment of a clinic system until every county in the province is organized. Such a plan for the encouragement of early diagnosis would appear to be the only way in which the increase which has continued from year to year in the amount paid by the province towards maintenance can be overtaken and eventually reduced.

With regard to the present needs of the Sanatorium, the lack of sufficient accommodation at the New Infirmary, referred to last year, remains unchanged. There is still a most urgent need for a clinical building that would enable us not only to carry on all the examinations, the X-ray, laboratory, operative and treatment work in one building, and thus enable us to liberate rooms scattered throughout the main building that are now



**Children in the work room of the Bruce Building. This room was furnished by Mrs. Robinson Pirie, of Dundas.**

used for this purpose, but would be much better if used for the housing of patients as was originally intended.

Our laboratory accommodation especially is most inadequate, and now would seem to be a most opportune time to provide suitable quarters as a memorial to Mr. Harry Watson, who died recently, after several years spent in developing the present laboratory. The story of his heroic life will be referred to in another part of the report.

In the case of the patients much has been done during the year to make treatment less irksome and more attractive. So many groups of people are ministering to the spiritual, the educational, the social life of the patients that it is almost unfair to mention any for fear that one or more societies, or even individuals, may be missed, but I can say that all are very much appreciated, and that by their kindness tears are wiped away, and the sum total of happiness is greatly increased.

Best of all, the patients themselves respond to the example of higher and more unselfish lives, for I am very sure that those





**Miss Flock and her class of older children, showing some of their handiwork in rear of room.**

who visit the patients frequently, can appreciate a gradual improvement in morale, that could not come but through this influence of unselfish devotion and service from those who minister through their sympathy and love for these their less fortunate fellow men. As a result of all this development of various lines of service, and the gradual response from patients we have at last been able to convince the Board of Education of the City that the young people among the patients are sufficiently worthy of consideration to have a teacher supplied them so that they can take up and continue their collegiate studies, thus doing something to enable them better to fit themselves for a useful life that can escape relapse after their sanatorium treatment is completed. This, with the various other lines of vocational instruction now carried on, and the use made of the radio in giving lectures to the patients in both medical and other educational matters, would seem to at last justify the saying of Mrs. Crerar made many years ago that the Sanatorium should be a school for health, rather than a mere hospital.

Finally, I wish to say that as years go by, I have more and more become convinced, until to-day it seems to me a very real fact, that the future process of bringing scientific medicine within practical reach of the great majority of people who are most in need of it, but whose resources are limited, must come much as has been the case in the history of the Sanatorium. There will always be the need for various groups actuated by love for their fellow men to minister to their needs, while back of all must be a group of public spirited men and women who are willing to labor to establish a medical service which will be available for the saving of those who on account of the increasing cost with each new advance are unable to secure either efficient diagnosis or treatment.

Possibly the work of the Hamilton Health Association may yet be looked upon as an experiment in medical sociology in which the Sanatorium is the fundamental service, but in which a still more important service, made possible by the other is the diagnostic service, which is essentially scientific in that it works out the facts, the underlying causes on which all conclusions and all treatment must be based. Better than nationalization of medicine by the establishment of methods of routine treatment as has been done in England, is the formation of groups of laymen who stand in the community for the principle that the last word in laboratory or X-Ray, or other scientific diagnosis, should be available for every man, woman and child at the first sign of threatened danger, instead of as at present for the person who can pay the fee of a specialist, for too often to-day in every field of medicine the great mass of people struggle along, paying no heed until what might have been easily corrected has developed into an extensive or acute disease. Such a plan would render treatment a minor matter that any man of normal mentality could provide for his family, and it would put into practice the principle that prevention is better than cure. This is the ideal that the Hamilton Health Association has in mind, and it is the ideal that should prevail throughout the whole medical field.

In conclusion I wish again to thank all who have voluntarily assisted us in our work during the year, and to especially

mention the group of consultant physicians, surgeons and dentists of the city who have assisted us whenever we needed them, and who have provided for our patients the most expert advice that could be procured in the many complications where our own staff lack experience. These men from year to year, by rounding out our medical service, inspire our patients with the confidence that everything possible will be done for their recovery, and thus add very greatly to the efficiency of our work.

Following is a report of the results of our work for the year just closed.

Respectfully submitted,

J. H. HOLBROOK,  
Medical Superintendent.

# Statistics of Civilian Patients

Following are the statistics for the year:

	Male	Female	Total
No. of Patients in residence, October 1, 1924.....	121	122	243
No. of Patients admitted to September 30, 1925.....	120	119	239
Total.....	241	241	482
No. of Patients discharged during year.....	84	80	164
No. of deaths during year .....	24	16	40
No. of Patients in residence Sept. 30, 1925 .....	133	145	278
Total.....	241	241	482
Collective days' stay of Patients .....	94,380 days.		
Average days' stay of patients .....	196		
Total Bed Capacity .....	325		

## Residence of Patients

From City of Hamilton .....	141	123	264
“ Dundas .....	2	3	5
“ Ancaster Township .....	3	8	11
“ Barton Township .....	2	7	9
“ Saltfleet Township .....	3	4	7
“ West Flamboro Township .....	1	1	2
“ East Flamboro Township .....	1	2	3
“ Beverly Township .....	1	1	2
“ Other Counties in Ontario .....	87	92	179
Total.....	241	241	482

## Nationality of Patients

Canada .....	145	158	303
England .....	44	44	88
Ireland .....	5	3	8
Scotland .....	12	18	30
United States .....	10	9	19
Other Countries .....	25	9	34
Total.....	241	241	482

## Religion of Patients

Protestants .....	175	194	369
Roman Catholics .....	60	41	101
Other Religions .....	6	6	12
Total.....	241	241	482



## Ages of Patients

	Male	Female	Total
5 to 9 years .....	29	38	67
10 to 14 years .....	16	21	37
15 to 19 years .....	16	43	59
20 to 24 years .....	41	35	76
25 to 29 years .....	21	33	54
30 to 34 years .....	33	26	59
35 to 39 years .....	31	15	46
40 to 44 years .....	16	11	27
45 to 49 years .....	17	11	28
50 to 54 years .....	11	2	13
55 to 59 years .....	2	1	3
60 to 64 years .....	2	2	4
65 to 69 years .....	3	3	6
70 to 74 years .....	3	0	3
Total.....	241	241	482

Of the 204 discharged during the year 63 were weighed on discharge; 9 lost an average of 9 lbs.; 76 gained an average of 17 lbs. Largest individual gain, 43 lbs.

## Report of Children

	Male	Female	Total
No. of Children 15 years and under in residence October 1, 1924 .....	27	44	71
No. of Children 15 years and under admitted to September 30, 1925 .....	18	22	40
Total.....	45	66	111
No. of Children 15 years and under, discharged during the year .....	16	21	37
No. of Children, 15 years and under, in residence September 30, 1925 .....	29	45	74
Total.....	45	66	111

## Report of Condition on Discharge of Civilian Patients

During the year 204 civilian patients were discharged, but of these 14 were in residence less than 30 days. This is too short a time to accomplish anything definite in the treatment of tuberculosis, so these 14 cases are reported as untreated, leaving 190 cases to report upon.

	Apparently Arrested	Quiescent	Improved	Unimproved	Died	Untreated	Total	%
Minimal .....	27	5	7	..	..	..	39	20.5
Moderately advanced..	15	15	6	3	..	..	39	20.5
Far advanced .....	6	15	26	18	32	..	97	51.5
Doubtful evidence or non-tuberculous .....	6	..	6	..	..	..	12	6.0
Non-pulmonary T. B...	3	..	..	..	..	..	3	1.5
Untreated .....	..	..	..	..	..	14	..	..
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total.....	57	38	45	21	32		190	
% .....	30.0	18.4	23.6	11.0	17.0			

Number of Civilian Patients admitted for treatment since the establishment of the Sanatorium:

Up to September 20, 1906 .....	30
October 1st, 1907, to September 30th, 1908.....	94
October 1st, 1908, to September 30th, 1909.....	111
October 1st, 1909, to September 30th, 1910.....	114
October 1st, 1910, to September 30th, 1911.....	139
October 1st, 1911, to September 30th, 1912.....	122
October 1st, 1912, to September 30th, 1913.....	134
October 1st, 1913, to September 30th, 1914.....	134
October 1st, 1914, to September 30th, 1915.....	165
October 1st, 1915, to September 30th, 1916.....	153
October 1st, 1916, to September 30th, 1917.....	215
October 1st, 1917, to September 30th, 1918.....	196
October 1st, 1918, to September 30th, 1919.....	170
October 1st, 1919, to September 30th, 1920.....	176
October 1st, 1920, to September 30th, 1921.....	199
October 1st, 1921, to September 30th, 1922.....	182
October 1st, 1922, to September 30th, 1923.....	182
October 1st, 1923, to September 30th, 1924.....	220
October 1st, 1924, to September 30th, 1925.....	239
Total.....	3,046

Of this number 540 have been re-admitted patients, making the total individual number 2,506.

# Statistics of Military Patients

1924-1925

No. Patients in residence October 1, 1924 .....	60
No. Patients admitted to September 30, 1925 .....	47
	<hr/>
	107
No. Patients discharged during the year.....	60
No. Deaths .....	4
No. Patients in residence September 30, 1925 .....	43
	<hr/>
Total.....	107
Collective days' stay of Patients .....	18,687
Average days' stay of Patients.....	174.46
Dormitory Capacity .....	144
Number beds made up.....	144

## Residence of Patients

From City of Hamilton .....	23
From City of Toronto .....	48
Other Parts of Ontario .....	31
Other Provinces .....	2
United States .....	2
Other Countries .....	1
	<hr/>
Total.....	107

## Nationality of Patients

Canadian .....	39
English .....	38
Irish .....	4
Scotch .....	19
U. S. A. ....	6
Other Countries .....	1
	<hr/>
Total.....	107

## Religion of Patients

Protestant .....	86
Roman Catholic .....	20
Other Religion .....	1
<b>Total.....</b>	<b>107</b>
Married .....	71
Single .....	34
Widower .....	2
<b>Total.....</b>	<b>107</b>
Service in France .....	85
Service in England .....	12
Service in Canada .....	8
Service in Other Parts .....	2
<b>Total.....</b>	<b>107</b>

## Report of Condition on Discharge of Military Patients

	Apparently Arrested	Quiescent	Improved	Unimproved	Died	Total
Minimal .....	8	..	..	..	..	8
Moderately Advanced .....	20	1	..	..	..	21
Far Advanced .....	7	12	1	9	4	33
Doubtful Evidence .....	..	..	2	..	..	2
<b>Total .....</b>	<b>25</b>	<b>23</b>	<b>3</b>	<b>9</b>	<b>4</b>	<b>64</b>
<b>Percentage .....</b>	<b>39.06</b>	<b>35.9</b>	<b>4.7</b>	<b>14.06</b>	<b>6.2</b>	<b>99.92</b>
No. Patients admitted from June 12, 1916, to Sept. 30, 1917.....						262
No. Patients admitted from Oct. 1, 1917, to Sept. 30, 1918.....						236
No. Patients admitted from Oct. 1, 1918, to Sept. 30, 1919.....						258
No. Patients admitted from Oct. 1, 1919, to Sept. 30, 1920.....						218
No. Patients admitted from Oct. 1, 1920, to Sept. 30, 1921.....						191
No. Patients admitted from Oct. 1, 1921, to Sept. 30, 1922.....						92
No. Patients admitted from Oct. 1, 1922, to Sept. 30, 1923.....						101
No. Patients admitted from Oct. 1, 1923, to Sept. 30, 1924.....						98
No. Patients admitted from Oct. 1, 1924, to Sept. 30, 1925.....						47
<b>Total.....</b>						<b>1,503</b>



# Yearly Dental Report, 1925

Silver Fillings .....	327
Cement Fillings .....	141
Porcelain Fillings .....	105
Local Anæsthetics .....	629
Extractions .....	623
Sealing .....	146
Pyorrhœa .....	192
Prophylaxis .....	215
Miscellaneous Operations .....	161
Root Treatments .....	21
Gutta Percha .....	37
Impressions .....	51
Bites .....	33
Try-in Plates .....	46
Repair Plates .....	12
Plates Inserted .....	46
Bridges .....	2
Special Inspection of Children for Ontario Government.....	71
<hr/>	
Total Operations.....	2,866

In connection with the dental report, we would point out the fact that the Hamilton Health Association has appointed a dentist to the staff of the Institution, and at the present time he devotes one-half his time to the patients of this Institution. All X-Ray work, extractions, and ordinary fillings are done free of charge as a routine part of treatment. Expensive fillings are not attempted, as there is not sufficient time for complicated mechanical work, but where extractions have made it necessary for the patients to have dental plates, these are supplied at a nominal rate to those who can pay for them, and are given free of cost to those who are unable to pay.

## Laboratory Report, 1925

During the year the serological and chemical tests have been continued as routine laboratory work.

As the laboratory, staff, space and equipment is only sufficient to do the work which is now being carried on, it is necessary

to greatly extend these facilities before attempting any new work or research.

During the year Chemical, Bacteriological and Serological tests were made as follows:

Routine Sputum Tests .....	2,684
Special Sputum Tests .....	92
Routine Urine Examinations .....	1,287
Special Urine Examinations .....	118
Animal Inoculations .....	32
Blood Counts .....	45
Renal Function Tests .....	52
Gastric Analysis .....	6
Throat Smears and Cultures .....	102
Pleural Fluids, smeared and cultured .....	24
Special Cultures .....	18
Special Smears and Examinations .....	36
Wassermann Reactions .....	1,160
Complement Fixation Tests in Tuberculosis .....	1,177
Caulfield Inhibitive Reactions .....	1,177
	<hr/>
	8,010

Respectfully submitted,

W. V. ROBERTS,

Asst. Bacteriologist.

## X-Ray Report, 1925

During the year ending September 30th, 1925, a total of 606 cases have been examined and reported upon in the X-Ray Department.

These cases are classified as follows:

Chest Examinations .....	258
Dental Examinations .....	151
Gastro-Intestinal Examinations .....	57
Bones and Joints .....	38
Sinuses .....	26
Fluoroscopic Examinations .....	76
	<hr/>

606



Baby Chicks at the Poultry Plant.

## Wentworth County Survey

The Wentworth County Survey which was completed in 1924 has been of great value to the medical staff in helping them to develop a clearer idea of the nature of tuberculosis in children. A summary of this work was included in last year's Annual Report. Since that time a follow-up survey has been carried out through the district of Dundas and West Flamboro in order to make a re-examination of all the cases that were classified as having active tuberculosis or as tuberculous suspects.

In order to give to the members of the Hamilton Health Association the complete information with regard to this Survey, the report of the follow-up survey is included in this year's report. This will show very clearly that the findings of the general survey were very conservative and that as a result of the survey a very decided improvement has taken place in the children classed as active or suspect cases of tuberculosis. This has come in great part through the action of the parents in having the defects corrected or appropriate treatment

applied, though results were considerably better in the schools where a school nurse was employed than in the schools that lacked medical inspection.

A summary of all the surveys carried out in Canada is also included as it was thought that this would make clear to the readers the extensive work that has been encouraged by the Canadian Tuberculosis Association, to whose support our own local association is committed.

TABLE 27.

SUMMARY OF RE-EXAMINATION OF CASES CLASSIFIED AS HAVING ACTIVE TUBERCULOSIS AND THOSE REQUIRING FURTHER OBSERVATION (SUSPICIOUS).

Total number active cases re-examined—11 out of 14.

Total number suspicious cases re-examined—78 out of 94.

	Active	Suspicious	Negative
Number of active cases reclassified as .....	5	6	.....
Number of suspicious cases (requiring further observation), reclassified as .....	1	29	48

Number of active cases not re-examined because of change of residence or other reasons ..... 3

No deaths have been reported.

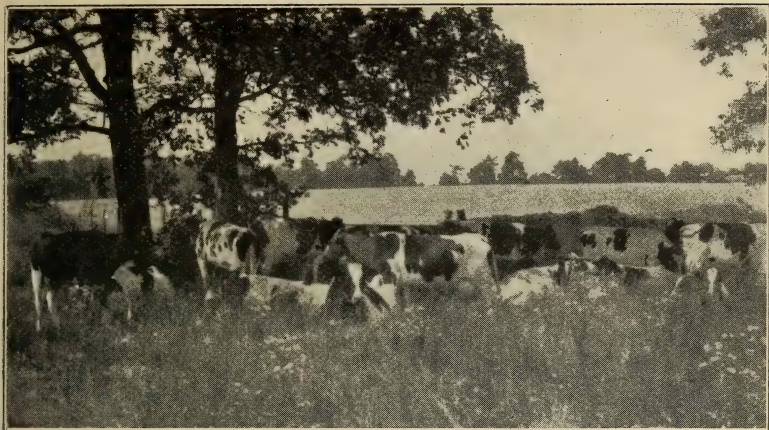
Number of suspicious cases not re-examined because of change of residence or other reasons ..... 16

No deaths have been reported.

Deductions:—

It will be noted that there is a rather pronounced difference in the number of corrections obtained among the children attending the public schools of the town of Dundas, as compared with those in attendance at the separate school in the same municipality. This is in part explained by the fact that the written report sent out by the survey committee to each parent was supplemented in the first mentioned schools by the home visiting of the school nurse employed there, during the interval between the initial examination and the follow-up survey, one year later. In





**Showing part of Sanatorium Holstein herd of tuberculin tested cows, which supplies milk used at the San.**

the public schools 55.7 per cent. of all the children, to the parents of whom notifications of defects had been sent, visited the family physician for treatment. In the separate schools, only 40.2 per cent. consulted the family physician. In further indication of the value of a well-established school health programme, attention is drawn to the fact that in the rural districts in which this important public health activity was non-existent, only 39.9 per cent. consulted the family physician.

While the number of pre-school children who were included in the second survey was of necessity small, it is worthy of note that in urban centres in which active health work is carried on by the Victorian Order of Nurses, two-thirds of all those found with defects, in this age group, had been taken to the family physician as compared with but one of the sixteen so classified in the rural sections.

# PROVINCIAL SURVEYS

## INCIDENCE OF INFECTION AMONG 7,184 CHILDREN—TUBERCULOSIS

Province	Number surveyed	Tuberculin tested		Undernourished—more than 10% or 5 lbs.	Defective teeth	Diseased tonsils	Frequency of active tuberculosis		1923 Provincial death rate per 100,000 all ages	1923 Provincial death rate school age. All forms tuberculosis		Provincial school age population, 5-14 years inclusive, 1921 census
		Number tested	Number positive				Positive clinical signs, symptoms and x-ray evidence requiring treatment	Signs and symptoms suspicious requiring observation		Deaths	Rate	
Saskatchewan.....	1,346	1,346	56.6%	40.9% or more	47.1%	25.3%	10 or .84%	30 or 2.5%	43.1	35	43.7	81,154
O.T. Park-Davis Co.	907	907	28%	29.3% or more	repeated	once. (Tuberculin test.)	34 or 3.7%	Von Pirquet method.	91	50	111.1	45,293
British Columbia...	1,425	1,115	63%	20%	.....	16%	3.5%	47 or 5.2%	118	249	90.9	274,673
Quebec.....	(Tuberculin Intra-cutaneous)	Veterinaire de l'Institute	.....	.....	Pasteur diluted	9%	in glycerine 1 in 4, and some obtained from	.....	.....	Mallinckrodt's	—	Montreal
Ontario.....	1,392	1,321	32%	33%	26%	20%	1%	6%	65.6	107	38.9	275,552
Intra-cutaneous Tuberculin	1,050	1,047	13.7%	20.3%	63.6%	35.6%	7 or .6%	60 or 5.7%	57.7	39	66.	59,251
Alberta.....	564	.....	39%	30%	.....	60%	.0%	14%	62.5	32	48.4	66,008
Manitoba.....	500	500	40.2%	7.4%	62.6%	30.8%	Pulmonary 0.8%	3.8%	.....	.....	.....	.....
Weyburn, Sask.....	.....	.....	.....	.....	.....	.....	Glandular 0.2%	used. None	repeated.	(Tuberculin test.)	.....	.....
O. T. Health of Animals Branch, Ottawa, Intra-cutaneous method	.....	.....	.....	.....	.....	.....	.....	.....	84.7	582	63.7	913,149
Canada.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

## REFERENCE FOR FULL REPORTS

Saskatchewan Survey—*Canadian Medical Journal*, June, 1922.  
 British Columbia Survey [Twenty-third Annual Report—Canadian Tuberculosis Association, 1924]  
 Quebec Survey [Twenty-third Annual Report—Canadian Tuberculosis Association, 1924]  
 Ontario Survey [Twenty-fourth Annual Report—Canadian Tuberculosis Association, 1924]  
 Weyburn Survey—*The Leader*, Regina, Sask., Nov. 1st, 1924.



The Late Thomas Henry Watson.

## Thomas Henry Watson

The Mountain Sanatorium has suffered a very severe loss through the death of Thomas Harry Watson on December 17, 1925.

Mr. Watson came to the Sanatorium as a patient for whom little hope of recovery was held out on November 8th, 1911, but one of the chief characteristics of his whole life was faithfulness to duty, the result being that under treatment he gradually improved, and finally, though seriously handicapped, he was able to take on responsible duties within the Institution.

While not able to do heavy physical work, yet because of his keen mentality, the work which he accomplished has been of far reaching value to the Institution.

He was able to look at the organization of the Sanatorium from the viewpoint of the patient. In addition he had a thorough training as a chemist, and thus, by the application of his mind to the problems of after care of patients and of the laboratory as a service to treatment, he was able to assist us in making the Mountain Sanatorium a much better place for tuberculous patients than it could have been without his service.

His life within the Institution was one of continuous service on behalf of the afflicted, and nothing could be braver than to see him continually keeping up his struggle year after year with a full knowledge that each year's work shortened the span of life that was allotted to him.

We are pleased to say that he was assured in life that his work was appreciated, and he died with the full knowledge and confidence that his service to humanity would continue as long as the Institution remained a useful factor in the fight against tuberculosis.

Mr. Watson's life was most fully appreciated by the Board, and only a few days before his death the following letter was prepared by the Board, and sent to him by one of its members:

"The Board of Directors of the Sanatorium wish to express to you their high appreciation of your services to the Mountain Sanatorium. The work that you have done for the Sanatorium has been of the greatest value, not only to the institution as a whole, but to the individual patients.

Under the greatest handicap you have fitted yourself to do scientific work of the highest value and usefulness and to direct and teach others. You have displayed great foresight and originality and most astonishing energy, and all in the interest of others. Your courage and industry under the greatest difficulties has been stimulating and encouraging to all. And the Board wish to express their great regard and affection for you and to wish you many returns of this season which if not merry, stands for kindness and love for all."

We are also including in this report a synopsis of the address given by Rev. Calvin McQuesten, a copy of which follows:

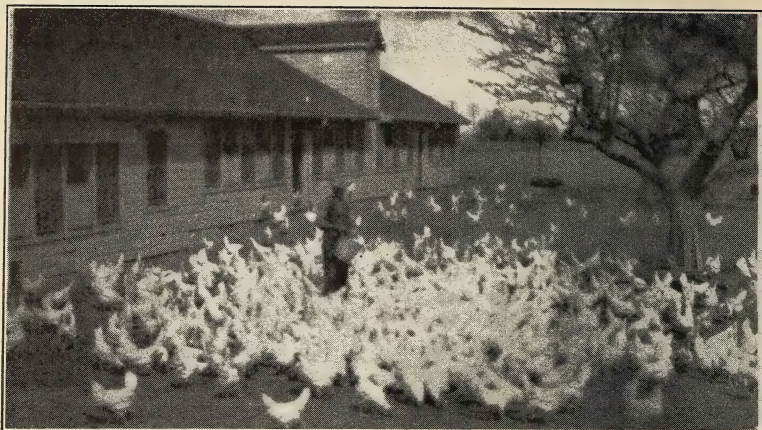


*Address by Rev. Calvin McQuesten at the Funeral of  
Thomas Henry Watson, December 19, 1925.*

In paying a final tribute to the friend and colleague for whom we have come together to perform these last sad rites, we are delivered from the empty eulogy so frequent on such occasions by the fact that Harry Watson left a record of noble achievement which speaks for itself.

From the time he first came to the Mountain Sanatorium in 1911 he set himself deliberately and definitely to study tuberculosis from the point of view of the patient, and to find ways and means of ameliorating the lot of his fellow-sufferers. With this object in view he sought to discover by observation and experiment what kinds of recreation were available and suitable for persons in their position, what forms of occupation and employment within their physical limitations might be utilized to divert their thoughts from their own condition, and, by enabling them to earn something, to relieve them from that position of complete dependence on others, which is so heart-breakingly humiliating to self-respecting people; and above all, he endeavoured both in himself and others, to cultivate that attitude of mind and heart, which, accepting these restrictions of strength and circumstances as inevitable, sets itself resolutely to make the most of such resources as remain, with indomitable optimism and unquenchable faith in the kindness of God in spite of all appearing. To this task he brought a mind naturally logical and scientific, which he used every means to cultivate and train, so that in spite of the fact that he had received only a public school education, he impressed any one talking with him as an educated man.

Mr. Watson began his varied activities at the Sanatorium by doing, as soon as he was sufficiently convalescent, some light clerical work in the office of the Institution. But his love of nature and science shortly led him to turn his attention to bee-keeping, and to lay the foundation of the extensive apiary which now supplies the whole institution with honey.



**Part of the Poultry Plant at feeding time.**

Attracted by photography, he mastered its scientific processes with a thoroughness attained by few professionals, and most of the beautifully executed illustrations in the San's Annual Report are the product of his art.

In order to provide entertainment for his fellow patients, he fitted himself to act as a moving picture operator, procured the necessary equipment, and regularly made arrangements for the loan of films. Appreciating the possibilities of the radio in this connection, he was largely instrumental in devising and installing, with the financial assistance of Mr. C. S. Wilcox, the wonderfully complete and extensive system, the first of its kind in the world probably, by which every patient in the Institution can lie in bed and "listen in" to the news of the day, the sports and the concerts, and the religious, political and other gatherings of the continent. When the electric bed-warmers of the patients caused static, he proceeded to invent a bed-warmer of his own which would not interfere in this way.

His official position at the Sanatorium was that of head of the Laboratory. By special study he had made himself a com-



**Grafton Infirmary.**

petent bacteriologist, and most of his time was devoted to this important department. But when his fellow patients and colleagues on the staff talk of him, it is not of this nor of his other varied activities, but of his serene and sustaining philosophy of life, and its uplifting influence upon the morale of the Institution that they speak with the greatest admiration and wonder. The secret of his amazing courage lay in his deep religious faith. Naturally he looked at religion from the scientific standpoint. One of the last books which he read was "Science and Religion." To know Him, whom to know is Life Eternal, was to Harry Watson (one who knew him felt), less a matter of personal communion than a reverent delight in those marvellous works in which He makes Himself known. His eager, questing mind was not satisfied with the mere sentimentalities with which so many pass for religion, he sought and found his God in the miracles of nature which science reveals to the earnest student as well as in the Providential dealings of Him who doeth all things well. And the service of God for him was the service of men. In his early days at the Sanatorium, he took the initiative in

organizing a Young People's Society of Christian Endeavour among patients and employees, and it is characteristic of the practical bent of his mind that he used the connections thus established to interest other Young Peoples' Societies in the work of the beloved Institution to which he gave himself so unstintingly.

His interests in life were wide and worthwhile. And his enthusiasm over anything in which he was interested was fine and infectious. It sometimes seemed as if he was too enthusiastic for his own good. One who knew him used to wonder whether, if he had been content merely to amuse himself, he might not have lived years longer. But who would not rather have to his credit the achievements of Harry Watson in the last fifteen years than drag out a useless existence for fifty years? Those who were associated with him will miss him keenly. But when they think of his life it is as a triumph rather than a tragedy.

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## The Annual Meeting

*January 19th, 1926*

**"The Essential Things are the Things to do!"**

*Charles E. Wodehouse, M.D.*

### Retrospect

Five years ago we were in the midst of reaction in the Tuberculosis group in Canada, following the cessation of war. It was thought we had crossed the crest of the wave in regard to the maximum number of ex-service men requiring treatment for tuberculosis. It was realized that our bed capacity in Sanatoria had been doubled and many began to bewail the condition of affairs which would exist in three years. Ex-service cases paid for by Federal funds would have decreased and the high costs of maintenance, compared with pre-war rates, would be ruinous with beds empty. The principal question of the day was, "Em-



ployment for the Tuberculous." We had four of the latter projects planned, two\* operated awhile and all have been discontinued.

## Two Years' Propaganda

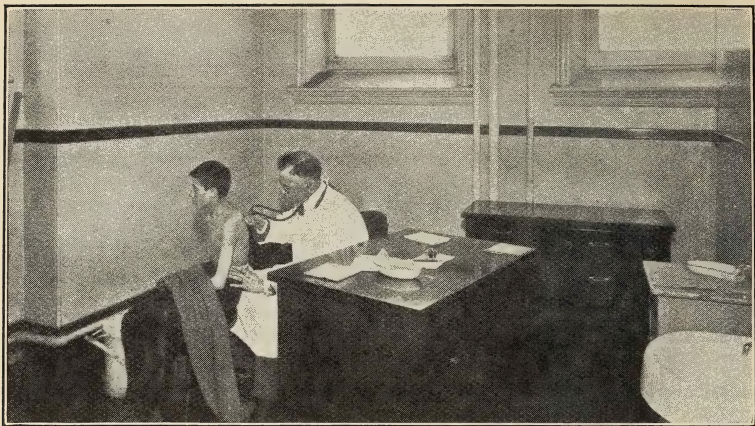
Statistics were assembled and it was found in 1921 that some of the institutions had a considerable number of vacant beds but that they were of the pavilion type, suitable for up-patients and that this type of beds existed out of proportion to the percentage of cases in the institutions who could use them.

Furthermore, in one institution these buildings were thought to be unsuitable, even for pavilion cases and are not in use yet. I think these beds should not be considered in our discussion.

A serious consideration in each sanatorium centre, was given to changing, by a small outlay, pavilion beds into infirm-ary beds. This process is still going on. Conditions were slightly improved in some provinces as to the assurance of pay for the treatment of indigent cases. Special efforts were made to bring tuberculosis to the fore, in so far as the medical profession was concerned. A bulletin was issued and speakers took part in Medical Association meetings. The helpful surveys of school age children awakened the interest of the different provinces. Travelling chest diagnosticians were put in operation in several provinces, and proved popular with, and acceptable to the medical profession and public. Extension clinics from sanatoria to surrounding towns were instituted in Ontario. The net result is to-day waiting lists of patients requiring treatment at institutions. No one person is entitled to the credit for this reaction. Necessity started a constructive study of conditions and requirements and the pendulum swung beyond the capacity of existing beds, even necessitating the provision of increased accommodation.

---

\*Rotary Clinic, Vancouver and Saskatchewan Anti-tuberculosis League.



The Clinic Doctor examining boy brought to Clinic by his parents

The following provinces have increased their bed accommodation during this period: British Columbia, Alberta, Saskatchewan, Ontario, Quebec and Nova Scotia. We have in Canada over 5,000 beds.

### Allocating Special Effort

Two factors should influence the placing of new work.

First—Who are in the best position to carry out the project?

Second—Where is the greatest need for any helpful influence which may result?

The first reason was the one which influenced the Ontario Survey Committee in allocating the Survey to the area of influence of the Hamilton Health Association. The splendid volume issued by the Ontario Provincial Board of Health is brim full of scientific detail obtained in the Survey resulting from this excellent choice. Including the professional services of the personnel from outside the county, a total of about \$7,500 was



Normal Students visiting the San and listening to an address from Dr. Holbrook.

spent. The leading Tuberculosis Journal of England, The Tubercle, for December, 1925, contains a resume by the Chairman of the Ontario Committee, Dr. Jabez Elliott. Drolet, Statistician of the New York Anti-Tuberculosis Society, who is associated with the Milbank Demonstration in New York City, is adopting some of your methods in that work.

The first reason also influenced the National Research Council in assigning to the London Health Association and the Saskatchewan Anti-Tuberculosis League, the programme of research for sanatoria.

The second reason was the factor in causing the Five Year Demonstration to be located in the Province of Quebec, at Three Rivers, which up to September, 1925, absorbed an expenditure of \$59,022.69, contributed by the Provincial Bureau of Health of Quebec, the Dominion Government, the Canadian Red Cross Society, the Sun Life Assurance Company, and the citizens of Three Rivers themselves. It caused us to take a travelling diagnostic service to Prince Edward Island last summer. It decided where the Department of Indian Affairs should spend their

first \$5,000 in assisting our Committee to study tuberculosis among the Indians with an object of recommending an economic method of prevention and treatment among these people. It is our stimulus in endeavoring to arrange to spend several thousand dollars a year, for a period, in the Maritime Provinces. These four areas have the highest mortality to-day in Canada from Tuberculosis.

The rate in British Columbia has gone up in the last four years, from as low as 74 per 100,000 to 95 last year. British Columbia gives us to understand that Indians forming one-twenty-second of their population had contributed last year nearly one-quarter of their registered Tuberculosis deaths, having a racial rate of 514 per 100,000. Japanese and Chinese form about one-fifteenth of the population and contributed one-eighth of the deaths, having a rate of 160 per 100,000. The whites have a death rate from Tuberculosis in British Columbia of 69.1, not too bad considering the migration of sick people to this more equitable of Canadian climates.

The Maritime Provinces have a population of 1,000,000, approximately, with the highest death rates from Tuberculosis in Canada. They have four institutions outside of Prince Edward Island which has about 85,000 people, for the treatment of Tuberculosis. Their provision of institutional beds per 10,000 people practically equals that of Ontario, Manitoba or Saskatchewan. They need to provide additional treatment for indigents and it is planned to bring this about.

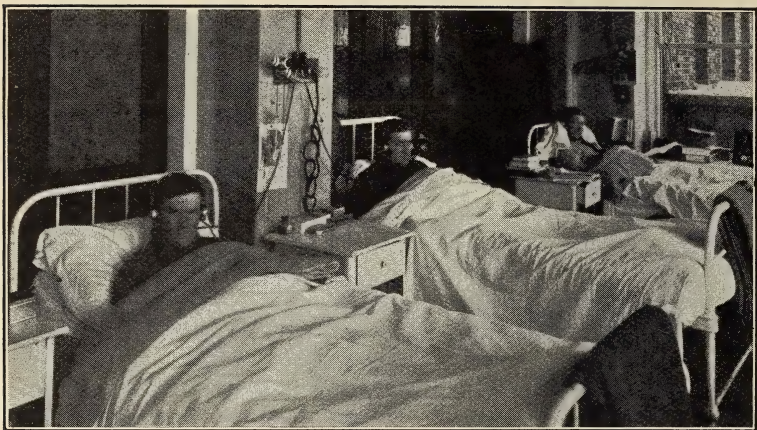
In Quebec Province with nearly one-third of the population of Canada, we have a Tuberculosis death rate about three times that of Hamilton. Montreal's is higher still. This province is making wonderful strides at present in our work. The Provincial Government's \$500,000 for educational work over five years is bringing excellent results. Financially assisted and supervised dispensaries are now operating at Chicoutimi, Quebec, Three Rivers, Joliette, St. Jerome, Hull, Montreal, Thetford Mines, Lachine, Valleyfield, Sherbrooke, Arthabasca and Riviere du Loup.



The Provincial Government has enlarged its Sanatorium at Lake Edward and handed over its Laurentian Sanatorium to an English speaking group, an offshoot of the Royal Edward Institute in Montreal. This sanatorium is now open. Laval Hospital at St. Foy has doubled its accommodation, with 160 of its beds for children. At Cartierville there are 300 beds in a fireproof building, being completed for advanced cases. The University of Montreal should have 300 beds for hopeful French-speaking tuberculous cases. All three medical schools have privileges for their students at chest clinics. The University of Montreal has an excellent course for training Public Health Nurses, mostly French-speaking, and very badly needed, owing to the shortage of such personnel and the very great demand formed by the rapidly developing programme. Lord Atholstan's benefaction of \$500,000 has organized a splendid health and Anti-Tuberculosis League, with two centres of demonstration, one French and one English, the former affiliated with the Department of Hygiene of the University of Montreal, and granting field work for students of medicine and nursing. Finally, our Three Rivers Demonstration over a population of 30,000 has operated two years and money is in hand for the third of the five year period. It has resulted in hospitalizing 64 cases of Tuberculosis, locating 422 cases of the disease in and around the area of demonstration, establishing supervision of homes to the number of 821—281 of which have had cases in them. It has had cases referred by all of the 36 practising physicians and during the last nine months from 24 of them. It has examined 636 factory workers, established Tuberculosis in 40, and has 214 under observation. These workers are mostly referred by the Industrial physicians, so are sorted out as suspicious. The provision of a Tuberculosis Institution for treatment is under way.

### The Future

Canada as a whole has been under consideration. Our Canadian Tuberculosis death rate will drop fast when Greater Montreal's effort begins to show results among its 1,000,000 Canadians



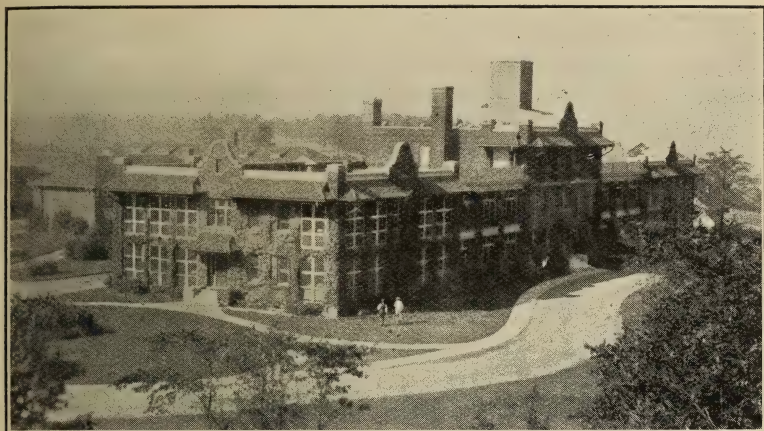
**Listening to the Radio. Music and a great variety of other entertainment brought to the bedside of every patient.**

living there. . One-ninth of our population in Montreal district\* having a rate of 190 for 100,000 (using average number deaths annually and mean population 1912-1921), is a handicap soon to be removed. You are an integral part of Canada. Even in Three Rivers, there is a higher incidence of Tuberculosis among workers who have come into the city from the rural population during the last two years than among those who have lived there longer periods.

You have an excellent group of experienced, enthusiastic, unselfish people. You know what happens as a result of persistent effort. I sincerely hope you will enlarge your area of influence and personally organize and attach to your Hamilton Health Association, the Tuberculosis work of your surrounding country. You could not do anything better for Canada or for yourselves, Much remains to be done as is evident from the chart. The reduction in deaths from Tuberculosis is splendid.

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\*Dr. Baudouin's statistics.



A splendid view of the New Infirmary and Southam Home at the Brow.

The change from the greatest killing disease in 1907 to the sixth position in 1923 is a great accomplishment.

### Deaths, All Ages, New York State, 1907-1923

1907.	1923.
1. Tuber . . . . . 6,330	3. Org. Heart . . . . . 12,886
2. Pneum. . . . . 6,298	5. Cerebral Hemor. . . . 6,557
3. Org. Heart . . . . . 6,180	6. Cancer . . . . . 5,896
4. Nephritis, Bright's .. 4,890	2. Pneum. . . . . 5,872
5. Cerebral Hemor. .... 4,529	4. Nephritis and Bright's 5,675
6. Cancer . . . . . 3,193	1. Tuber. . . . . 4,854

The lack of reduction as shown by Homer Folk, of New York State in the following table, leaving Tuberculosis as the greatest killer in the age group 15 to 45, both sexes, is less pleasing:

### Deaths, Ages 15-45, 1921

Tuberculosis . . . . .	28%
Deaths Incident to Childbirth and complications . . . . .	12%
Heart Disease . . . . .	9%

The figures from the Registration Area of the U. S. A. furnished by the National Tuberculosis Association, showing the percentage decrease of the death rate between 15 years and 24 years to be half of the average for all ages, is the most alarming:

### Deaths, United States' Registration Area, 1913-1923

All ages—Decrease 36 %, all forms.

Under 5 years, 51 %, all forms.

5-15 years, 41 %, all forms.

15-24 years, 18 %, all forms.

Also those furnished by Mr. Manchester for Ontario, covering the decade 1911-1921, showing a lower decrease still for our age group, 15 to 29, namely about 12 %, compared with 18 % in the U. S. A. for ages 15 to 24 years, is unfortunate.

Even in Ontario we have cut down the deaths from Tuberculosis least effectively in the most important age group we have—15 to 35. These Canadians (15-35), have been raised at considerable cost to their parents, educated at the expense of the public, married and blessed with children just as dear to them as they were to their parents, and yet we have cut down their death rate the least. If they were spared to their children and to the country, what a happy result, both economically and otherwise, we could place to the credit of your continued splendid effort.

### The Greatest Need

The essential things are the things to do. Effort should be concentrated upon the area having the greatest need for any helpful influence which may result. I present the accompanying sketch:

It is evident which counties might form natural tributaries to your institution. All except three had death rates practically the same as your city last year, namely, 39.5. Your own county of Wentworth had a rate nearly four times greater—400 % higher. The county's population is about one-third of that of Hamilton. Hamilton has public health services, nurses in schools and for home follow-up. All indigent cases are found,



hospitalized and paid for by the ratepayers. Is the opposite true in the county? The state of affairs there is a menace to your population. If the county will not move to rectify this terrible state of affairs by spending money to find its sick and pay for their treatment, your duty is to find ways and means of making them.

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## Auditors' Report

January 5th, 1926.

To the President and Directors,  
Hamilton Health Association, City.

Gentlemen:

We have audited the Books and Accounts of the Association for the year ended September 30th, 1925, and in our opinion, the Balance Sheet as at the latter date and Maintenance Account for the year, which we have drawn up and submit herewith along with our report, show a correct view of the financial position and transactions of the Association.

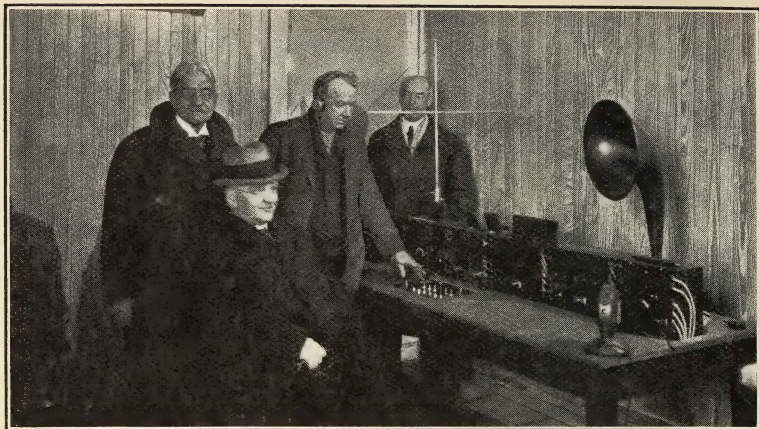
## Balance Sheet

CAPITAL ASSETS, \$804,198.37.

These Assets show a net increase over last year of \$96,364.61, though the actual expenditure has been even greater, but adjustments have been made through the building of a New Laundry and the conversion of the old laundry building to an Administration Building.

In view of the very large expansion to which the activities of the Association have grown, the Administration Building is a very necessary addition and an Administrative Office Staff in this Building to assist the present Management is also very necessary.

In furnishing the usual summary of the Assets, including the additions for the year, the principal items included in these additions are as follows:



The Hon. G. Howard Ferguson, Premier of Ontario, listening to Radio in Radio Room, Mountain San.

## LAND.

Expenditure on Fences, Walks, etc.

## BUILDINGS.

Orchard San: Further expenditure on New Laundry Building, which also has rooming accommodation for a large number of employees, additions to Grafton Infirmary, Travellers' Pavilion, Mr. Moreland's House, Administration Building, formerly carried as Laundry at \$15,718.33, now transferred at \$11,400.00 to Administration Building; sale of Machinery, \$600.00 and \$3,718.33 written off the Reserve for Depreciation. Improved Heating Systems have also been installed both at the Orchard San and Brow Infirmary, which have reduced the Heating Cost very considerably.

The Building proportion of Fire Loss at the Orchard San Staff House is also deducted from the net amount of the increase for the year.

At the Mountain Brow Infirmary there is expenditure on closed in Verandahs of the Main Building.

## FURNITURE.

Bruce Building: New Range and Sundry Equipment, less proportion of Fire Loss at Staff House, also Sundry Equipment at the Mountain Brow Building.

## NEW LAUNDRY EQUIPMENT.

Expenditure on Laundry Machinery and Equipment:

In the following summary of net additions for the year and total of these Capital Assets, we have not included the Inventories of Live Stock and Poultry formerly included under this head. These are now shown under other Assets, as they are changing each year and always shown in accordance with Inventory furnished us.

	Additions For Year	Total Capital Assets
Land (including Roads, Walks and Fences.....\$	892 64	\$ 45,701 18
Buildings .....	69,282 20	596,932 98
Furnishings .....	2,857 49	72,370 61
Medical and Dental Equipment .....	473 01	8,082 22
New Laundry Equipment .....	21,490 40	21,490 40
Water, Sewage, etc. ....		27,361 52
Fire Equipment .....	66 80	2,094 32
Auto Equipment .....	250 00	3,676 44
Farm, Stable and Other Equipment.....	83 80	7,202 13
Poultry Equipment .....	968 27	19,286 57
	<hr/>	<hr/>
	\$ 96,364 61	\$804,198 37

## DEPRECIATION RESERVE, \$154,950.19.

This Reserve is reduced by the loss on Laundry Machinery, Boiler, etc., \$4,336.33, and increased by the provision for the current year, \$28,098.36, of which \$24,378.36 is absorbed in the Maintenance Account and \$3,720.00 by the Farm and Poultry.

## INVESTMENTS, \$38,407.50.

These investments are unchanged during the year. We have a letter from the Bank of Montreal, for the purpose of the



**The Apiary.** Between 50 and 60 hives produce in the neighborhood of 4,000 pounds of honey for use of the Institution.

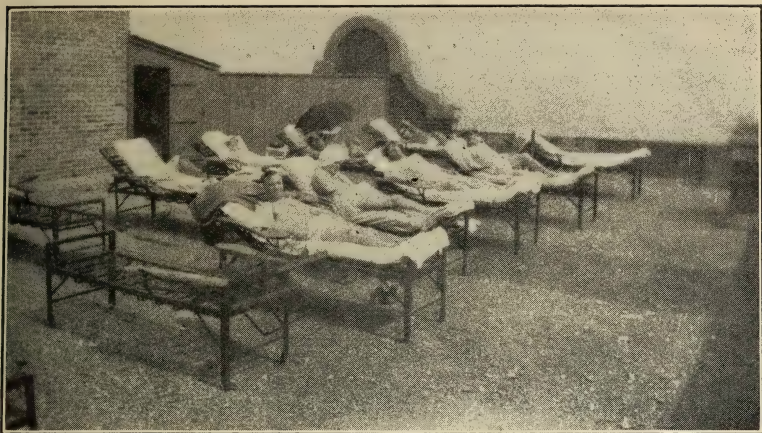
Audit, certifying these to be in their possession for safe keeping and are as follows:

(1)	Col. Grafton:		
	Hamilton Cataract Power Co. Bonds .....	\$	5,000 00
(2)	Juliet Doolittle:		
	Steel Co. Bonds, \$5,400.00; Preferred Stock, 19 Shares,		
	\$1,710.00 .....		7,110 00
(3)	Mrs. J. Lennard:		
	Steel Co. Bonds, par value \$3,000.00.....	\$	2,992 50
	Southern Canada Bonds, par value \$300.00..		2,805 00
(4)	Mrs. Pirie:		
	Dominion of Canada, 1934 Bonds .....		2,000 00
(5)	J. A. Bruce Estate:		
	Mortgage .....		17,500 00
(6)	C. C. Green:		
	Province of Ontario Bond .....		500 00
(7)	Mrs. J. K. Bertram:		
	Dominion of Canada Bond .....		500 00
(8)	Estate of Chas. E. Doolittle, \$5,000.00 applied in reduction of Farm Mortgage .....		

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\$ 38,407 50





Heliotherapy treatment of patients on roof of New Infirmary.

#### ACCOUNTS RECEIVABLE, \$47,544.63.

The details shown on the Balance Sheet include Patients' Fees, \$8,203.53, less a Reserve of \$1,000.00, the balances having been checked by us. Besides the amounts shown as receivable from the Provincial Government, City Corporation and Military Hospitals Commission, the item of Sundry Accounts, \$4,434.50, includes Fire Loss Insurance Receivable, \$3,205.88; Meyer Bros. for Laundry Machinery sold, \$575.00, a subscription paid in September to the Ladies' Board before received of \$415.54 from Hamilton Baseball Association and Sundry Farm, Poultry and other accounts, \$238.08.

#### CASH, \$12,086.85.

This Asset includes the Current Account Bank balance of \$9,240.87, a Special Savings Account \$149.23, Revenue Stamps \$5.28 and Cash \$2,691.47. Of this latter amount, part is in the Bank Payroll Account kept by Mr. Moreland, and part was deposited in October, the Cash being verified by us at a later date.

LIVE STOCK, POULTRY, STORES, ETC., \$22,867.65.

We have carefully checked the Inventories furnished us making up this amount, which includes Poultry and Live Stock, \$16,326.50; Provisions, \$3,304.40; Fuel, \$870.00;; House Supplies, \$627.00; Medical Supplies, \$1,084.00; Poultry Feed, etc., \$375.75, and Eggs \$280.00.

ACCRUED INTEREST, \$872.58.

This amount represents accrued interest to the close of the year on Investments.

INSURANCE UNEXPIRED, \$2,638.22.

This amount of Insurance premium in force is unexpired at September 30th. In addition to Fire Insurance of \$361,050.00, Auto, Accident, Boiler and Bond Insurance is carried.

From these Assets, which show a large increase over last year, are deducted Accounts Payable of \$24,901.03, which have been carefully checked and we understand include all liabilities of the Association at the close of the year, and also the unexpended balances of Income from Endowment Funds amounting to \$550.77.

The Income and Expenditure of Invested Funds, with the balance at the beginning and end of the year is as follows:

(1) Col. Grafton .....	\$ 250 00	\$ 250 00	
(2) Juliet Doolittle .....Dr.. \$32 42	457 00	350 00	\$ 74 58
(3) Mrs. J. Lennard .....	360 00	180 00	180 00
(4) Pirie Memorial Fund....Cr.. 50 52	110 00	103 83	56 69
(5) J. A. Bruce Est. ....	1,137 50	1,137 50	
(6) C. C. Green .....	30 00	30 00	
(7) Mrs. J. K. Bertram .....	27 50	27 50	
(8) Chas. E. Doolittle Est. ....	325 00	85 50	239 50

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\$18 10 \$2,697 00 \$2,164 33 \$ 550 77

These deductions leave the net Capital of \$748,213.81, which is increased over last year by \$71,072.84, made up as follows:

Special Building Grant from Provincial Government.....\$ 50,000 00

Bequests—W. J. O'Brien Est., \$100.00; Goldberg Est., \$250.00; T. Pugh Est., \$500.00; F. E. C. Wood Est., \$1 200.00; J. A. Bruce Est., \$2,000.00; H. Gotleb Estate, \$478.13..	4,528 13
Donations, Subscriptions and Members' Fees .....	14,319 97
	<hr/>
	\$ 68,848 10
Balance from Maintenance Account .....	\$ 1,503 73
Balance from Farm Operating .....	777 15
	<hr/>
	\$ 2,280 88
Less: Dispensary Cost .....	56 14
	2,224 74
	<hr/>
	\$ 71,072 84

## MAINTENANCE ACCOUNT

This Statement, as shown in the following comparison, again shows an increase over last year both in Revenue and Expenditure, and also shows that the Revenue has exceeded the Expenditure by \$1,503.73, which goes towards reducing the losses of prior years:

	This Year	Last Year	Increase
Income .....	\$263,478 16	\$248,993 26	\$ 14,484 90
Expenditure .....	261,974 43	249,465 76	12,508 67
	<hr/>	<hr/>	<hr/>
Net Income .....	\$ 1,503 72	\$ 472 50	\$ 1,976 23
Dispensary Cost .....	56 14	100 74	44 60
	<hr/>	<hr/>	<hr/>
	\$ 1,447 59	\$ 573 24	\$ 2,020 83

The Comparison of the Farm and Poultry Operating this year and last, is as follows:

	This Year	Last Year	Increase
Income .....	\$ 24,387 06	\$ 23,142 53	\$ 1,244 53
Expenditure .....	19,889 91	18,027 56	1,862 35
	<hr/>	<hr/>	<hr/>
Depreciation .....	\$ 4,497 15	\$ 5,114 97	\$ 617 82
	3,720 00	3,300 00	420 00
	<hr/>	<hr/>	<hr/>
Net Profit .....	\$ 777 15	\$ 1,814 97	\$ 1,037 82

It is interesting to note, that the Fuel cost last year was \$20,869.64, as compared with \$14,345.32 this year, which we understand is largely on account of the improved Heating Systems.

Yours truly,  
 RICHARDSON, SMITH, FERRIE & CO.,  
 Chartered Accountants.

## Balance Sheet as at September 30th, 1925.

### ASSETS

Land, Buildings, Equipment, as detailed in report .....	\$804,198	37
Less—Depreciation Reserve .....	154,950	19
	<hr/>	
	\$649,248	18
Investments .....	38,407	50
Accounts Receivable:		
Patients' Fees, Less Reserve .....	\$ 7,203	53
Provincial Government .....	19,224	00
City Corporation .....	12,263	60
Military Hospitals Commission .....	4,419	00
Sundry .....	4,434	50
	<hr/>	
	47,544	63
Cash .....	12,086	85
Live Stock, Poultry, Stores, etc. ....	22,867	65
Accrued Interest .....	872	58
Insurance Unexpired .....	2,638	22

### LESS—LIABILITIES

Accounts Payable .....	\$ 24,901	03
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### ENDOWMENT FUNDS

Juliet Doolittle .....	\$ 74	58
Mrs. J. Lennard .....	180	00
Chas. E. Doolittle .....	239	50
Pirie Memorial .....	56	69
	<hr/>	
	550	77
	<hr/>	
	25,451	80
Net Capital .....	\$748,213	81
Capital, September 30th, 1924 .....	\$677,140	97
Add: Increase in Capital as detailed in report as above .....	71,072	84
	<hr/>	
	\$748,213	81



# Maintenance Account, Year Ending September 30th, 1925.

## INCOME.

Interest, Investments and Endowment Funds .....	\$ 57 50
Patients' Fees .....	66,726 61
City Grants .....	67,167 25
Provincial Government .....	70,785 00
Military Hospitals Commission .....	58,741 80
Total Maintenance Income .....	<u>\$263,478 16</u>

## EXPENDITURE.

Wages and Salaries .....	\$ 98,136 99
Butcher Meat, Fish, etc. ....	22,145 55
Butter and Eggs .....	13,541 36
Flour, Bread, etc. ....	4,543 13
Groceries (including Canned Goods, Fruit, Vegetables, Fish, etc.) .....	12,495 87
Fresh Vegetables and Fruit .....	5,157 71
Milk .....	9,874 76
Fuel .....	14,345 32
House Supplies .....	10,271 54
Ice .....	108 00
Laundry .....	9,448 99
Medical Supplies .....	5,970 05
Repairs .....	12,726 67
Water .....	2,189 28
Insurance .....	1,711 28
Power and Light .....	4,308 67
Printing, Stationery and General Expense .....	5,643 42
Stable Expense .....	2,676 72
Auto Expense .....	2,300 76
Depreciation .....	24,378 36
	<u>261,974 43</u>
Balance transferred to Capital Account .....	\$ 1,503 73

## Personal Service to Patients by Visitors to Sanatorium

The Annual Report of the activities of the Mountain Sanatorium in the past has always shown donations in money or goods to the Institution, but there is a very considerable amount of work carried on which does not show on the books of the Association. An example of this is the personal visiting of representatives of clubs, societies, lodges and even of private individuals to the patients, in which case the Sanatorium staff or Board may have no information whatever.

In one sense this is unofficial work in which the service or donation is given directly to the patient, and in which case the patient is the proper person to acknowledge the service. As a matter of fact, however, this unofficial work is done sometimes at a very great sacrifice of time or of money on the part of the individual giving the service, and furthermore it means a great deal to the patients concerned. We believe, too, that it is an actual help in treatment for it adds to the comfort and the happiness of the patient while under treatment, and for this reason we feel that it is the duty of the Board to encourage and to acknowledge every assistance of this sort.

This year we feel that we cannot pretend to make reference to all the work of this sort that has been carried on during the year, but in a few cases we have received reports from visitors of their activities, and to make the acknowledgment as complete as possible, have asked for a report at the end of the year from the heads of the different departments. This means that the names of some visitors will be missed, but we hope that any who read this report and whose names have been overlooked, will communicate with the Secretary of the Hamilton Health Association, giving him a report of their activities for the year. This will be necessary because in some cases we really do not know the names of some of the occasional visitors.

As a matter of fact, the period covered in this report will be the calendar year, rather than the hospital year, which ended September 30th, 1925.

We would, therefore, report as follows with regard to personal work for the year 1925, and will refer first to the Orchard San, referring not to donations which are acknowledged by the officials of the Institution, but to what may be called the personal service to the patients.

As an example of this work, we may cite the weekly visits of the Kiwanis Club, two of their members coming each week to visit the boys in the Kiwanis Ward. Each week two different members of the Club are assigned this work, so that every year practically every member of the Club has visited the Preventorium, and has seen the boys in whom they are interested. The visitors give a report of their visit each week at the Kiwanis meeting, and very frequently they bring a list of requests from the boys for the visitors of the following week to fill, the result being that donations through this source are no small part of the activities of the Kiwanis Club.

Every Saturday afternoon a committee of the Business Women's Club comes to the Sanatorium, visiting the patients in the women's shacks who are receiving instruction from the two teachers whom they supply, and who are giving lessons in shorthand and stenography, in dress-making, leather and fancy work and in other vocational activities.

On Monday afternoons the Library Committee of the Junior Health League visits both the Orchard San and the New Infirmary, to give out and return books from the libraries which they have established. They also have a committee which visits the Preventorium and supplies needy children with clothes and in addition they give the annual Valentine party to the children.

Every year St. Cecilia Chapter, I. O. D. E., gives two special dinners to the men in the St. Cecilia Ward, one taking the form of a Hallowe'en party and the other a New Year's dinner, when they supply turkeys and all the other good things associated with

a New Year's dinner. In addition they pay monthly visits to their ward and bring treats to the men.

A committee from St. Hilda Chapter, I. O. D. E., also pays monthly visits to the children, bringing treats and providing a St. Patrick, an Easter and a Hallowe'en party.

Mizpah Chapter, O. E. S., has taken over a ward of girls in the Preventorium, and these young patients are delighted with the weekly visits from members of this chapter, when they come with fruits and other good things. This visit to the children does much to develop a proper sense of appreciation, and thus makes discipline and treatment much easier.

Iris Chapter, O. E. S., is also interested in one ward of girls. The Senior Catholic Women's League pays weekly visits to children and adults, bringing Candy, fruits and other gifts for the adults. The Junior Catholic Women's League conducts a Sunday School every Sunday morning, and frequently during the year provides a concert for the children, bringing talent from the city, and also helping to develop talent among the children.

A committee from the Sons of Jacob of Toronto, have come all the way from Toronto on several occasions during the year to visit the children, bringing treats for them and taking a kindly interest in them.

The boys from the Cotas Club have also made numerous visits on Sunday morning, bringing Sunday papers and other material for the children.

Members of the Salvation Army make a monthly visit to both the Orchard San and the New Infirmary, bringing papers and helping wherever they find need.

Among individuals there are many who pay weekly or periodical visits and only a few months ago a start was made with a French class which is conducted by Mrs. Victor Ross. She visits the groups interested in the study of French every Monday afternoon, and has added very materially to the enjoyment of the patients taking up this study, and to their desire for more



educational work, the outcome of which is the offer of the Hamilton Board of Education to supply a teacher for advanced studies.

Mrs. Taylor has paid several visits to the Sanatorium with her mandolin and frequently brought with her a singer who has helped her entertaining the patients.

Mrs. Cameron and Mrs. Rogers, of the Gospel Tabernacle, pay weekly visits to the patients.

Mr. Roy Fenwick comes every second week to give the children of the Preventorium a lesson in vocal music, and it is a great pleasure to see the interest that the children take in this work. Mr. Fenwick also helps in many other ways, both with the children and adults and is appreciated for his work, both at the Orchard San and at the new Infirmary.

Mr. Cutting, several months ago, volunteered his services as an unofficial barber to the Preventorium, and about once a month he gives a half day of his time to the work of trimming up the heads of the boys and girls. Since Mr. Cutting commenced this work the children are much more presentable and he deserves a great amount of credit for their attractive appearance.

Two visitors who have been coming on Sunday morning for years to conduct a short service with singing for the patients are Mr. Frid and Mr. Dashper. Many years ago Mr. Applegath and Mr. Ord carried on this work, but for several years Mr. Frid has made himself responsible for this work, rain or shine, winter and summer, and they are on hand every Sunday morning, and their kindly interest in the patients is very much appreciated.

In addition to the above, Mr. Tyson and Mr. Miller have been coming for years to conduct a Sunday School class for the children, and they also visit some of the adult patients.

Canon Daw, Father Ford and Rev. Calvin McQuesten are very frequent visitors, both at the Orchard San and the New Infirmary, and the kindly assistance of all these men is gratefully appreciated by the patients and is most gratefully acknowledged by the staff.

The visitors to the patients at the New Infirmary also provides a long list, and while the patients are, on the average, iller than those at the Orchard San, yet these frequent or occasional visitors add very much to their happiness.

A committee from Paardeburg Chapter, I. O. D. E., make several visits during the year. The Never Weary Club, who furnished one of the rooms, make an annual visit shortly before Christmas, when they bring donations of Christmas Cheer to all the patients throughout the New Infirmary. The Elcho Club who also furnished a room, paid a visit during the year, and following the visit, supplied furniture and pictures to add to the comfort of the patients in this room.

During the time when the Brantford patients under the care of the D. S. C. R. were in the Institution, a committee of the Dufferin Rifles Chapter, I. O. D. E., Brantford, made monthly visits and assisted these patients.

The Catholic Women's League make a monthly visit to the patients and at Christmas time distribute cheer to every patient of the Institution.

The Ladies' Auxiliary of the Dundas Methodist Church have paid frequent visits to the Infirmary, their visits beginning shortly after the Infirmary was opened in 1916 for the use of returned men, and continuing year after year. A report from the secretary of this society appears below.

The Livingston Union Church Band paid several visits to the Sanatorium, entertaining the patients both at the New Infirmary and at the Orchard San. It might be well here to mention also that concerts have been given several times during the year by the Salvation Army Band, the 13th Royal Regiment Band, and the 91st Highlanders Band, and in addition some of the band concerts provided by the City of Hamilton have been given at the San.

Very enjoyable concerts have been furnished during the year by the Hamilton Duet Club, and on several occasions when

Mr. George Stroud had a very interesting film running at one of the local theatres, he had sent this to the Sanatorium for the entertainment of the patients.

One very interesting concert during the year was that given by Roxey's Band, which was brought to the City by the Board of Control, and the City Publicity Commissioner.

The very kindly visits of Mrs. William Ostler and her committee to the patients at the New Infirmary have been very greatly appreciated. This work was started several years ago and has been of very great assistance.

Various visits have been made during the year by a visiting committee of the Corinthian Lodge and below is a report from the secretary, of their activities for the year.

A series of very enjoyable concerts were given by the Boys' Council of the city, and the patients were delighted with the interest which they showed in the Institution.

Last Fall the Thayondanegea Chapter, I. O. D. E., of Burlington, paid a visit to the Sanatorium, bringing with them a donation of fruit, and spending the afternoon in making themselves acquainted with the work carried on.

The last few years a Women's Institute day has been held at the Sanatorium when the members of the North and South Wentworth Women's Institutes have visited the Sanatorium, taking part in a program on health matters and leaving donations of fruit and preserves. This is one of the days which both the Board and the patients look forward to. Another very interesting day is that upon which the Institution is visited by the pupils of the Hamilton Normal School. This has been arranged by Mr. Macpherson for the last few years, with the idea that his students who go out to the schools of the province, should have the opportunity of understanding the health work that is being carried on for both children and adults at the Sanatorium.

This concludes a long list of personal work, but it is this personal work which assists in developing a certain pride which

the patients have in the Institution, and makes the life of the Sanatorium far less irksome than it would otherwise be. It is impossible to say how much this work has to do with success of treatment, or even with the brighter outlook of those who eventually lose out in the fight. This is one of the features of the Institution in which we take a very great pride and in acknowledging our gratitude to these personal workers we wish to apologize for any omissions that may have occurred.

Below are a few reports already referred to:

## Report of Canadian Business Women's Club of Hamilton

The work commenced at the Mountain Sanatorium in 1922 was continued throughout the year 1925. Two or three members of our organization visited the patients every Saturday afternoon throughout the year. The salaries of two teachers were paid out of our "Happiness Fund," a fund which is kept up by the members and used for our work at the Sanatorium. These teachers visited the Sanatorium twice weekly and gave instructions to girls and women, who were patients, to fit them for the time when they would return to the business world to earn their own livelihoods. The salaries of these teachers for the year 1925 amounted to \$475.00. Below you will find reports sent in by the two teachers referred to above.

M. S. PHELAN,  
President.

During the year 1925 as an instructor sent up to the Sanatorium by the Business Women's Club, classes were held on Tuesdays and Fridays. This year the most interest has been taken in leather work—that is, making shopping bags, purses, bill folds and many other articles in leather as well as sewing and all kinds of fancy work. Much interest has also been taken in the tinting of Birthday and Christmas cards and pictures.

L. M. BERRY,  
Vocational Teacher.



Although our classes in shorthand, typewriting and spelling were appreciated by the girls who were able to attend, we did not make the same progress as might be expected from students in good health, but we feel confident that the work is rousing an interest which is essential to make any branch of study easier and more enjoyable—as life and learning are closely akin, and while the girls can accomplish only a very little, the work is well done, therefore it seems to me that the knowledge of that little—well done should be the supreme test.

ALICE FORD,  
Teacher in shorthand, etc.

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## Activities of the Ladies' Aid of St. Paul's United Church, Dundas

A committee of ladies under the convenorship of Mrs. James Irvine, of St. Paul's United Church, Dundas, has visited the Sanatorium once a month for the past year, distributing among the boys upwards of three dozen boxes containing cookies, candy and fruit. During the festive seasons they were remembered with appropriate cards. They also received many magazines and several copies of the "Book of Psalms."

This work has always been a great pleasure to Mrs. Irvine, who has been convenor of this committee for six years, and any suggestions you might make along this line I am sure would be gratefully received.

MRS. W. P. SHOREY,  
Secretary.

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## Annual Report Corinthian Lodge, A.F.A.M. No. 513

I have much pleasure in submitting the following recorded activities of the Committee for the care and visitation of the sick, under the Vice-Chairmanship of our Mr. D. R. Ekins, in so far as they apply to the Sanatorium in 1925.

Twenty-nine patients were visited 370 times by approximately thirty members.

Under the auspices of the orchestra and other talented membership of the lodge, an afternoon concert was broadcasted from your dining-room.

I might say that our members enjoy this work and take much pleasure out of the visits, due to the real appreciation shown by the patients.

CORINTHIAN LODGE, A. F. & A. M., No. 513

W. A. Stephenson,  
Senior Warden.

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## New Infirmary Donations, 1925

Old Magazines—130 Campbell Avenue, Misses Jermyn, 134 Jackson St. W.; Mrs. F. Flower, 1 Bull's Road; Mrs. Trueman, 68 Arkledun Avenue; Mr. Firth, Aloha Club, Mrs. Dr. Gillrie, Sr.

Mrs. W. H. Clarke, 155 Young Street—Easter gift.

Mrs. Ellis, 142 East Avenue North—Fruit from W. C. T. U.; sent 42 small jars.

Elcho Club—Two pictures, Two flower vases, clock (rag rug and chair) 1924, curtains.

Council of Women—Flowers, Mrs. S. Whitefield, 30 Edgevale Road, Westdale; Flowers, Cannon's Florist, Flowers.

G. Burwell, Books, 1078 York Street.

Old Chapter Fund (Miss Edgar)—Windsor, Strand, Popular Mechanics, Motion Picture, Rod & Gun, Munsey.

Mr. John Mowat, Beamsville—Two suits of underwear, two suits of summer underwear, two top shirts, three pairs of trousers, two vests, one coat, one rain coat, sox, cap, pyjamas.

W. Fry, Dunnville—Newspaper Society Trip Abroad (book form).

Mr. T. Waugh (Red Cross)—three dozen sweaters, three dozen dressing gowns, five dozen pairs socks, one sateen comforter, tobacco, cigarettes.

Miss Frances Barker (Paardeburg Fund)—Bill for same, \$47.58.

Mrs. Brenton, Toronto.

Mr. W. Robinson, 103 Queen Street East, candy.

Sec. St. Peter's S. S.—Canned fruit.

Robinson's—Copies of Designer.

Mrs. Cecil D. Cooke, 64 Flatt Avenue—magazines.

Mrs. Wherry—Women's Guild, Laidlaw Church, 208 Balmoral North—quilt.

Mrs. Harry Burkholder, 77 Sherman Ave. S.—flowers.

Mrs. Jermyn, 134 Jackson St. W.—Marmalade.  
 Mrs. Clark—String instrument.  
 Hamilton Rowing Club—Copies of Times.  
 Miss Crossley, 66 Frederick Avenue—Church Quilt, by Mr. Dickey.  
 Fresh Fruit, St. John's Church, Winona, September, 1925.  
 Saturday Post—Finch Bros., Sept., 1925.  
 Books (from Crusaders), Sept., 1925.  
 U. C. T. S., 346 Confederation Life Bldg., Toronto—Books.  
 Ladies' Auxiliary International Machinists, Oct. 5, 1925—Quilt.  
 Mrs. Holloway, Burlington, Ont., Oct. 10, 1925—Magazines.  
 Mr. Leith—Papers.  
 Burlington Chapter, I. O. D. E. (Mrs. Petrie)—Fruit, Tobacco, Cigarettes.  
 St. Peter's Church, Oct. 12, 1925—Fruit.  
 Burlington, I. O. D. E., Chapter (Mrs. Petrie, Regent)—Baskets of fruit for each patient. Cigarettes and tobacco.  
 Mrs. Holloway—Magazines.  
 Mr. Keith, Oct. 11, 1925—Old Country papers.  
 "The Crusaders"—Novels.  
 Women's Institute, October 8, 1925—Canned fruit.  
 Catholic Women's League, Oct. 22, 1925—Apples.  
 Miss Winter and Mrs. Hancock, 118 Queen Street South—Magazines.  
 E. Ellenzweig, 21 Elgin Street—Crate of oranges.  
 Mr. Sherk (Sherkston)—Every week during summer—Ice Cream.  
 Women's Institute, Galt, Ont., Nov. 12, 1925—Canned fruit.  
 Mrs. Ehlin, 289 Charlton Ave. W., Nov. 28, 1925—Canned fruit.  
 Catholic Women's League (Mrs. Lahey), Dec. 1, 1925—Cough candies, apples.  
 Gen. Mewburn, January 9th, 1926—Magazines and cards.  
 Sunshine Club (Miss Magee)—Subscriptions.  
 Mrs. Deacon, 82 Kensington Ave. N., Jan. 10, 1926—Books.  
 Miss Edgar, 274 Bay St. S., Jan. 18, 1926—Magazines for each month.  
 Mrs. Wilcox, Jan. 20, 1926—Papers.  
 Jewish Women's Council, Jan. 28, 1926—Pull-over sweater, scarf, underwear and wool, Mrs. Harry Cohen, 6 Rutherford Avenue, City.  
 St. Elizabeth Chapter, I. O. D. E.—Linen.

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## Christmas Day Donations New Infirmary, 1925

Col. J. J. Grafton—Candies (Nurses).  
 Mrs. R. F. Wells, Inglewood Drive—Cigarettes.  
 Never Weary Club—Parcels for each patient.  
 Dufferin Rifle Chapter—Parcels for each patient.

Carry-on-League—\$2.00 for each soldier. .  
 St. David's Welsh Society—Cheque for \$25.00.  
 Mrs. Malloch, 183 Hughson Street South—Cheque for \$10.00.  
 Mrs. S. Daw—Cheque for \$12.00.  
 Ladies' Auxiliary, Methodist Church, Dundas (Mrs. Irwin)—Parcels  
 for each patient.  
 Mildred Hartley—Home-made candy.  
 Mrs. Lumsden—Magazines.  
 Women's Board of Hamilton Health Association—Slippers, underwear,  
 sweaters, night gowns, dressing gowns, heaters.  
 Mrs. Ostler's Friend—Flowers.  
 Hill's Bakery—Christmas cake and candy.  
 Catholic Women's League—Cigarettes and Jelly.  
 Mr. Gordon Wilson, M. P.—Cigarettes.  
 Miss Reid, 40 West Avenue South—Parcels for three patients.  
 Sharples & Co.—Flowers.  
 Thayondanega Chapter I. O. D. E. Burlington—Parcels for seven  
 patients.  
 Paardeburg Chapter (Mrs. Deadman)—Baskets for each patient.  
 Mrs. Wm. Lang, Ancaster—Fruit.  
 MacDonald's—Tobacco and cigarettes.  
 Livingston Methodist Band—Played in Main Hall on Christmas Day.

## DONATIONS TO ORCHARD SANATORIUM.

Olivet Union Sunday School, quilt.  
 Women's Auxiliary Board, 1 doz. pair socks.  
 Salvation Army, War Cry.  
 Hamilton Rowing Club, Buffalo Sunday World.  
 Philathea Class James Street Baptist Church, radio set.  
 Mrs. E. Woodman, knitted quilt.  
 Miss E. Martin, 12 jars fruit.  
 Members of Iris Chapter, No. 62, O. E. S., typewriter.  
 W. H. Clark, musical instruments and games.  
 Canada Ice & Fuel Co., ice for farm.  
 No. 6, Division Pastor's Aid, First Methodist Church, quilt.  
 R. L. Smith, care G. W. Robinson Co., 200 rose bushes.  
 Lady Baillie, 30 doz. eggs.  
 Mr. P. Malone, subscription to Orillia Times.  
 Miss Ogilvie, flowers.  
 John Bale & Son, calendars, 1925.  
 Mrs. Wheeler, gramophone records.  
 A friend, two linen towels.  
 St. Cecilia Ward, treat.  
 Winona Women's Institute, 50 jars fruit.  
 Mount Hope Women's Institute, 28 jars fruit.



Dr. Bennett, President Horticultural Society, St. Thomas, gladiolus.  
 St. Thomas Church, fruit.  
 McNab Street Presbyterian Church, fruit and flowers.  
 St. John's Church, Winona, fruit.  
 F. W. Woolworth Co., Limited, two copies The Veteran.  
 Scott's Corners' Women's Institute, 15 jars fruit.  
 Daughters of the Empire, records.  
 Catholic Women's League, candy and tobacco; ice cream.  
 North and South Wentworth Women's Institute, 36 jars fruit.  
 J. J. Smye, Supt. Hamilton Playgrounds, Ryerson St. School girls,  
 two quilts.  
 Mrs. Morrow, Hospital Bed.  
 Adelaide Hoodless Women's Institute, 38 jars fruit.  
 Malcolm Crerar Chapter, I. O. D. E., two pictures.  
 Mrs. Duffield, books and fruit.  
 Blackheath Women's Institute, 13 jars fruit.  
 H. J. Waddie, pictures.  
 Mrs. William Southam, seven sweaters, one dozen suits underwear.  
 Wentworth Junior Institute, canned fruit.  
 Lynden Women's Institute, 24 jars fruit.

## DONATIONS TO PREVENTORIUM.

Mr. Tyson, calendars.  
 Spectator Printing Co., Andy Gump dolls.  
 Junior Health League, 6 doz. waists, bloomers, 48 pair pyjamas, 14  
 suits underwear.  
 Margaret Gage Burkholder Chapter, ice cream and cake.  
 Kiwanis Club, flowers; drive for children.  
 St. Hilda Chapter, I. O. D. E., 4 doz. sweaters, party, candy and fruit.  
 Provincial Executive, I. O. D. E., ice cream.  
 L. R. Tobey, rubber balls.  
 Miss Thompson, suckers.  
 G. H. Homes, Dundas, books and fruit.  
 Mr. Almas, loan of Electric Clippers.  
 Barton Children's Chapter, I. O. D. E., ice cream.  
 Sons of Jacob, chocolates.  
 Geo. Dunn, chocolates.  
 Catholic Women's League, candy.  
 Mrs. H. Burkholder, 6 dozen suckers.  
 Miss Alice Brimacombe, doll and cradle.  
 G. W. Robinson girls, costumes.  
 Mrs. Rowland, St. Hilda's Chapter, I. O. D. E., 84 pair stockings, shoes.  
 Women's Auxiliary Board, 46 kimonas.

## BOOKS AND MAGAZINES.

W. H. Finch.  
Miss C. E. Munro.  
Mrs. S. Clair Balfour.  
H. M. Nicholson.  
Miss M. Dewitt.  
Mrs. W. S. Duffield.  
Miss M. Rogers.  
Mrs. Parke.  
Dr. J. O. McGregor.  
W. Ayres.

Sir John Gibson.  
Mrs. Southam.  
Mrs. Wright.  
Mr. Dean, Secretary Hamilton Club.  
Rev. Dr. Sedgewick.  
G. W. Robinson Co.  
Mr. Ambrose, Chalet Place.  
McNab St. Presbyterian S. S.  
A. G. Bain.  
Geo. A. Gow.

## CHRISTMAS DONATIONS.

Sterling Rubber Co., balloons.  
Col. Grafton, chocolates for nurses.  
Mrs. Wm. Fraser, 6 pair socks.  
Childerhose Mission Band, scrap books.  
Mrs. W. T. Robertson's S. S. Class, All People's Mission, parcels for children.  
Barton Children's Chapter, I. O. D. E., 7 pair mittens, 1 dozen sweaters, 9 caps and scarves.  
Miss Ida Merriman, sweaters and toys.  
Mrs. Olmstead, books for children.  
Geo. Hope, two cases oranges.  
I. Elenzweig, pail of candy, grapes and figs.  
Mrs. Wm. Carey, case of oranges.  
Mrs. Harry Trebilcock, doll.  
St. Andrew's Society, boxes for patients.  
Catholic Women's League, cigarettes and jam.  
Freelton Women's Institute, fruit for children.  
Alfred Powis & Son, tobacco and cigarettes.  
Centenary United Church, boxes for patients.  
Nightingale Auxiliary, Junior Red Cross, Normal School, case oranges five lbs. nuts, for Preventorium.  
Kiwanis Club, dolls.  
Miss Ella M. Buckbee, parcels for patients.  
R. B. Hill, Christmas Cake.  
Balfour, Smye & Co., nuts.  
Council of Jewish Women, sweaters.  
Centenary United Church, boxes for patients.  
Frank Griffen, boxes of suckers.  
Katherine Walker, Fern Henderson, Grace Tresham, Margaret Goring, parcel for children.  
Mrs. Rowland, St. Hilda's Chapter, I. O. D. E., sweaters, stockings, overshoes, toys for children.  
No. 6 Division, Pastor's Aid, First Methodist Church, quilt.  
Mrs. Davidson's seven year old son, dolls.

## CHRISTMAS CASH DONATIONS.

Mr. and Mrs. Robert Hobson .....	\$ 25 00
Hamilton Retail Grocers' Association .....	10 00
Ryerson Sunday School .....	5 00
St. David's Welsh Society .....	25 00
Hamilton Trades & Labor Council .....	10 00
Mrs. Wm. McLelland .....	5 00
Capitol Theatre .....	20 00
Dundurn Lodge, A. F. & A. M. ....	10 00
Doric Lodge, A. F. & A. M. ....	20 00
Brown, Boggs Co. ....	25 00
Stinson Street School, Red Cross .....	2 00
Alice B. Malloch .....	10 00
Edith H. Olmsted .....	5 00
Rotary Club .....	100 00
Mrs. A. Lynch Staunton .....	25 00
Catharine M. Leggatt .....	25 00
Mrs. Luther Holton .....	25 00
G. W. Robinson Co. ....	50 00

## CASH DONATIONS.

St. Cecilia Chapter, I. O. D. E. ....	50 00
Kiwanis Club .....	500 00
Dufferin Lodge No. 291, A. F. & A. M., West Flamboro .....	10 00
Acacia Lodge, No. 61, A. F. & A. M. ....	20 00
St. John's Lodge, No. 40, A. F. & A. M. ....	50 00
Cal Davis .....	10 00
First Unitarian Church .....	50 00
Mothers' Meeting, St. Paul's Church .....	5 00
Hindoo Koosh Grotto .....	75 00
Carluk Women's Institute .....	10 00
Provincial Government Grant .....	50,000 00
Young People's Society, Church of Ascension .....	16 50
Waterdown Lodge No. 357, A. F. & A. M. ....	20 00
Iris Chapter, No. 62, O. E. S. ....	127 35
Unknown .....	2 00
Hamilton City Baseball League .....	415 54
Senior City Soft Ball League .....	47 20
Miss Ruth McBride .....	4 00
William A. Davidson .....	25 00
Women's Auxiliary Board .....	25 00
Mizpah Chapter, No. 56, O. E. S. ....	150 00
Iris Chapter, O. E. S. ....	22 65
Mrs. Robinson Pirie .....	125 00
Acacia Lodge, No. 61, A. F. & A. M. ....	20 00

T. H. Pratt, Limited .....	25 00
Tuscan Lodge, A. F. & A. M. ....	20 00
Scottish Rite Bodies .....	50 00
Electric Lodge, A. F. & A. M. ....	15 00
J. W. Downs, J. P., Thornton, Bradford, Yorkshire, England...	25 00
Sons of Jacob, Toronto .....	5 00
Charlton Avenue Church .....	50 00

### BEQUESTS.

Estate of John A. Bruce .....	\$ 2,000 00
Estate of Harris Gotlieb .....	478 13
Estate Samuel Epstein .....	333 34
Estate of Frances E. C. Wood, widow of Mr. D. B. Wood.....	1,200 00

## Explanation of Membership in the Hamilton Health Association

The Hamilton Health Association is the Citizens' organization which supports and operates the Mountain Sanatorium for the treatment of pulmonary tuberculosis, popularly known as "The San." The San owes its wonderful success and rapid development to the interest and generosity of the citizens of Hamilton. Probably there is not a single family in Hamilton whose members have not at some time contributed freely in aid of the San.

One of the most popular and practical ways of aiding this institution in its great work is to become a member of the Hamilton Health Association. In the following paragraphs we describe the different types of membership. Select that one best suited to your means, and determine that the San is an institution you can afford to support year after year. In making application for membership or in renewing your membership, kindly address all correspondence and mail checks to the Secretary, the Mountain Sanatorium, Hamilton.

### ASSOCIATE MEMBERSHIP

Annual fee \$5.00. An Associate Membership entitles you to all reports and admission to general meetings.



## ACTIVE MEMBERSHIP

Annual fee \$10.00. Such a membership enables you to take an active and helpful part in the San's war against the "White Plague." Every Active Member is a voting member as well as receiving all reports, admission to general meetings, etc.

## SUSTAINING MEMBERSHIP.

Annual fee \$50.00. This offers the man and woman of means an opportunity to help the San in a substantial way. While the San receives aid from the City and Government, it still depends largely on voluntary subscriptions. Since its beginning in 1906, the San has received over \$200,000 in subscriptions, otherwise it could not have developed to its present proportions and have carried on its work so effectively. Every "Sustaining Member" is a voting member, as well as receiving all reports, admission to general meetings, etc.

## ANNUAL ENDOWMENT—BED.

\$548.00 endows a bed for a year. Most of the patients cannot afford to pay their way, and the City can only assist those who have lived in the city for the previous twelve months. Very often young men and women, virtually Hamilton citizens, but for whom the city may not hold itself responsible, apply for treatment. If treatment is delayed the chance of recovery in these cases may be lost, so the San cares for them free of charge. This presents an opportunity to well-to-do families or individuals, business houses, manufacturers, societies, clubs or fraternal organizations to give very real help to needy individuals.

## Sustaining Members

Aitchison, W. J.  
 Alexander, S. H.  
 Arcade Limited.  
 Balfour, St. Clair.  
 Barton Lodge, No. 6, A. F. & A. M.  
 Bertram, Mrs. H. G.  
 Bird & Son, Limited.  
 Birge, Mr. and Mrs. C. A.  
 Bowles Lunch, Limited.  
 Bruce, Col. W. H.  
 Burlington Steel Co., Limited.  
 Canadian Steel & Wire Co.  
 Canadian Drawn Steel Co.  
 Canadian Millers' Mutual Fire  
     Insurance Co.  
 Carey, Mrs. M.  
 Carroll, Wm.  
 Child, W. A.  
 Chipman-Holton Knitting Co.  
 Copley, Geo.  
 Copley, Noyes & Randall.  
 Culley & Breay.  
 Dalley, J. N.  
 Davidson, James.  
 Donaldson & Patterson.  
 Doolittle, C. M.  
 Doolittle, Mrs. C. E.  
 Dominion Sheet Metal Co.  
 Duff, Messrs. J. & Son.  
 Dunlop, James Co.  
 Dunlop, James.  
 Gartshore-Thomson Pipe and  
     Foundry Co.  
 Gillies, John W.  
 Gillies, Samuel R.  
 Gibson, Sir John M.  
 Grafton, Col. J. J.  
 Graham, C. W.  
 B. Greening Wire Co.  
 Guy, George J.  
 Hamilton Bridge Works.  
 Hamilton, F. Kent.  
 Hamilton, Mrs. F. Kent.  
 Hamilton Cotton Co., Limited.

Hamilton & Toronto Sewer Pipe Co.  
 Hand, Thos. W.  
 Hendrie, Miss.  
 Hobson, Robert.  
 Hobson, Mrs. Robert.  
 Hope, Mrs. George.  
 Hope, George.  
 Holton, W. A.  
 Imperial Cotton Co.  
 International Harvester Co. of  
     Canada.  
 Innes, R. L.  
 James, G. F.  
 Knights of Columbus.  
 Kirk, James.  
 Laking, William.  
 Lloyd, G. R.  
 Long Lumber Company.  
 Lumsden Bros.  
 Malloch, Mrs. Mary S.  
 McClary Mfg. Company.  
 McLaren, Mrs. R. J.  
 Rt. Rev. J. T. McNally.  
 Meakins & Sons.  
 Mercury Mills, Limited.  
 Moodie, James.  
 Moodie, Mrs. James.  
 Moodie, Col. J. R.  
 Moodie, Mrs. J. R.  
 Moodie, R. R.  
 Moodie, Mrs. R. R.  
 Moodie, J. D.  
 Moodie, Mrs. J. D.  
 Moodie, Miss Jean.  
 Morley, Mrs. Julia P.  
 Parke, George.  
 Patterson, A. S.  
 Patterson, Robert.  
 Penman, John.  
 Powis, Alfred.  
 Robinson, Mr. and Mrs. G. W.  
 Robinson, G. W. & Co.  
 Robinson, J. H. & Co.  
 Scott, C. S.

Smith, Mr. and Mrs. R. L.  
 Spectator Printing Co.  
 Smye, Fred.  
 Souter, D. A.  
 Southam, Mr. and Mrs. Wm.  
 Staunton, Hon. and Mrs. Geo. Lynch.  
 Taylor, Fred.  
 Temple Lodge, No. 324, G. R. C.,  
 A. F. & A. M.  
 Thomson, P. A.  
 Viceroy Reading Lodge, No. 886.

Walter Woods & Co.  
 Walton & Magee, Limited.  
 Watkins, The Thos. C. Co.  
 Westaway, W. J.  
 Wilcox, C. S.  
 Wilcox, Miss E.  
 Wilson, Archdale.  
 Wilson, Mrs. Archdale.  
 Witton, H. B.  
 Young, Alan V.  
 Zimmerman Reliance, Limited.

## Active Members, 1925

Adam, Alex. E.  
 Aitchison, D. B.  
 Aldous, E. P.  
 Alexander, Mrs. H. S.  
 Allen, R. S.  
 Alexander, H. S.  
 Alexander, A. G.  
 Allen, George.  
 Allworth, R. M.  
 Ambrose, Mrs. E. H.  
 Ambrose, E. H.  
 Ambrose, H. S.  
 Anderson, B. F.  
 Arkell, R. H.  
 Armstrong Cartage & Warehouse  
 Co.  
 Armstrong, J. D.  
 Armstrong, Mrs. Wm.  
 Atkins, Messrs. E. C. & Co.  
 Bagshaw, Dr. Elizabeth.  
 Bain, A. G.  
 Balfour, Walter.  
 Barker, Miss Frances E.  
 Barker, Mrs. Helen.  
 Barnard, Mrs. S. J.  
 Beasley, J. D.  
 Bell, J. P.  
 Bell, Miss Madeline.  
 John Bertram & Sons Co.  
 Biggar, Mrs. S. D.  
 Blachford & Wray.

Boyd, Norman J.  
 Braden, N. S.  
 Bremner, Charles.  
 Brown, Harold B.  
 Brown, Mrs. John E.  
 Bruce, Ralph R.  
 Bull, Mrs. C. E.  
 Bull, C. E.  
 Burbidge, H. A.  
 Burrill, Walter S.  
 Burkholder, Harry F.  
 Burkholder, Mrs. Harry F.  
 Callaghan, J. Orr.  
 Campbell, R. A.  
 Canadian Porcelain Co., Limited.  
 Canadian Shovel & Tool Co.  
 Carter, Dr. Charles.  
 Catholic Women's League.  
 Champ, H. H.  
 Clark, E. F.  
 Clark, W. J.  
 Clark, Norman.  
 Climie, J. D.  
 Cloke, Fred.  
 Close, F. R.  
 Cohen, H., Sr.  
 Coleman, Dr. F.  
 Cook, Thomas.  
 Coombes, A. I.  
 Commercial Oil Company, Limited.  
 Connon, John.

Connor, Kennedy.  
 Connor, Mrs. Kennedy.  
 Cope, Messrs. A. & Son.  
 Counsell, Mrs. J. L.  
 Crane, Limited.  
 Crosthwaite, Harvey.  
 Cunningham, A. M.  
 Cunningham, Mrs. A. M.  
 Cunningham, R. W.  
 Cunningham, W. J.  
 Hamilton Dairy.  
 Dalley, Mrs. F. F., Sr.  
 Dalley, F. F.  
 Davis, R. B.  
 Davis, W. H.  
 Davis-Lisson, Limited.  
 Dewar, D. B.  
 Dodson, J. E.  
 Doering, R. W.  
 Dominion Belting Company.  
 Douglas, R. C.  
 Drewery, A. E.  
 Drynan, W. R.  
 Duff, J. Frank.  
 Duff, Charles.  
 Dunlop, Frank Co., Limited.  
 Dunlop, Mrs. James.  
 Duro Aluminum, Limited.  
 Eager, Morley P.  
 Eastwood, J. M.  
 Edwards, Miss Margaret.  
 Ellenzweig, I.  
 English, Dr. W. W.  
 Enlow, A. T.  
 Evel, J. J.  
 Evel Casket Co., Limited.  
 Ewing, Mrs. S.  
 Farrar, R. W.  
 Fitzpatrick, Rev. J. D.  
 Farrar, Chic.  
 Fearman, W. J.  
 Fearman, Geo. D.  
 Fearman, F. D.  
 Field, Wm.  
 Fitzgerald & Kent.  
 Flatt, W. D.  
 Ford-Smith Machine Co.  
 Forster, W. H.  
 Forster, J. C.  
 Foster, F. H.  
 Gage, Mrs. W. L.  
 Gates, Miss Clara A.  
 Gauld, Judge J. G. & Mrs.  
 Geddes, Mrs. A. J.  
 Gibson, Colin W. G.  
 W. H. Gillard & Co.  
 Glasco, A. M.  
 Gleason, Roy.  
 Grafton, Miss Ellen Mary.  
 Grafton, Major J. Stewart.  
 Grafton, Mrs. J. Stewart.  
 Grafton, Mrs. J. J.  
 Greening, Mrs. S. O.  
 Greening, H. B.  
 Green's of Hamilton, Limited.  
 Griffith, David F.  
 Hale, H. J.  
 Hale, Mrs. H. J.  
 Halliday Co., Limited.  
 Hamilton, H. V.  
 Hardman, Miss M. A.  
 Harris, Mrs. E.  
 Harris, Miss F. J.  
 Harris, R. B.  
 Haslett, Thomas C.  
 Hart, H. U.  
 Hawkins, W. C.  
 Hawkins, Mrs. W. C.  
 Hay, Miss Agnes C.  
 Henderson, J. A.  
 Higgins, C. H.  
 Holton, Mrs. L. J.  
 Hope, Adam & Co.  
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# “Remember the San”

---

I give and bequeath to “The Hamilton Health Association,” incorporated, of Hamilton, in the Province of Ontario, incorporated under the laws of the said Province of Ontario on the 30th day of December, 1905, the sum

of .....

.....  
dollars: to have and possess the same unto the said “Hamilton Health Association,” for Anti-Tuberculosis work, its successors and assigns to the uses, disposition and benefit thereof forever.

---

*Why not tear out this page and hand it to your lawyer,  
with instructions to embody it in your will?*



# Aids to Diagnosis of Chest Condition

## SEVEN RULES

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1. The basis of a chest examination combines a careful history of all the information that can be obtained by painstaking inspection, palpation, percussion and auscultation

2. Every examiner will develop his own routine; the value of a routine being that no step of the physical examination will be missed.

3. It is a good plan to begin with an effort to find the deviation from normal in the chest examined, regardless of whether it is due to active disease or to healed condition.

4. The balance of the examination will consist in working out the differential diagnosis which means that every other possibility will be investigated before deciding that the abnormality is due to tuberculosis.

5. A positive sputum test is final, so far as tuberculous involvement is concerned, but even this does not rule out the presence of other disease, and sometimes the non-tuberculous disease is the more important factor even with positive sputum.

6. Certain types of X-Ray shadowing are quite as diagnostic as positive sputum, but very frequently the X-Ray does not give any definite information as to activity and usually more definite information can be secured by a routine physical examination than by an X-Ray.

7. In case of doubt, every other clinical and laboratory aid should be secured, including blood for complement fixation, and sometimes the best guide as to activity is gained by observation of the case over a period of time, which enables the examiner to secure prolonged temperature records and repeated chest examinations.



A view of the Orchard San as  
it appears at blossom time.

